JVC

SERVICE MANUAL

LCD FLAT TELEVISION

LT-32SH6/A,
LT-37SH6/A

DVB Digital Video Broadcasting

[LT-37SH6/A]

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No.YA382
2006/7

SPECIFICATION

Item		Contents	
		LT-32SH6	LT-37SH6
Dimensions (W × H × D)		80.8 cm × 55.9 cm × 10.8 cm (TV only) 80.8 cm × 62.8 cm × 30.9 cm (Included Stand)	92.6 cm × 63.2 cm × 10.9 cm (TV only) 92.6 cm × 70.1 cm × 32.5 cm (Included Stand)
Mass		20.0 kg (Included Stand)	27.2 kg (Included Stand)
Power Input		AC 240V, 50Hz	
Power Consumption		168W (Stand-by : 1W)	217W (Stand-by : 1W)
TV RF System	Analogue Digital	CCIR (B/G) DVB-T	
Color System		PAL	
Stereo System		A2/NICAM system, Digital (MPEG2)	
Receiving Frequency	Analogue Digital	48.25 MHz - 863.25 MHz 174 MHz - 858 MHz	
Intermediate Frequency	VIF SIF	38.9MHz (B/G) 33.4MHz (5.5MHz :B/G)	
Colour Sub Carrier Frequency	PAL SECAM NTSC	4.43MHz 4.40625MHz / 4.25MHz 4.43MHz	
Teletext System		FLOF (Fastext), WST(World Standard system)	
LCD Panel		32V wide aspect (16 : 9)	37V wide aspect (16 : 9)
Screen Size		Diagonal : 80 cm (H: 69.7 cm × V: 39.2 cm)	Diagonal : 94.9 cm (H: 82.6 cm × V: 46.7 cm)
Display Pixels		Horizontal : 1366 pixels × Vertical : 768 pixels (W-XGA)	
Audio Power Output		10W + 10W	
Speaker		6.6cm round type × 2	6.6cm round type × 4
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial	
Video / Audio Input-1/2	Component Video [Input-2] 750p / 1125i 625p / 625i S-Video [Input-1] Video Audio	 RCA pin jack × 3 Y : 1V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω Y : 1V (p-p), Positive (Negative sync provided), 75 Ω Pb/Pr : 0.7V(p-p), 75 Ω Mini-DIN 4 pin connector × 1 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), High impedance, RCA pin jack × 4	
Video / Audio Output [DTV ONLY]	Video Audio	1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), Low impedance, RCA pin jack × 2	
PC (RGB) Input	Video Audio	D-sub 15 pin × 1 R/G/B : 0.7 V (p-p), 75Ω HD / VD : 1 V (p-p) to 5 V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5 kHz / Vertical : 60 Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4 kHz / Vertical : 60 Hz) 500mV (rms), Low impedance, RCA pin jack × 2	
Digital Audio Output		Opticl Connector × 1	
Headphone		3.5mm mini jack × 1 (Stereo)	
Remote Control Unit		RM-C1896 (AA/R6 battery × 2)	
AC Adapter		DA-E056705025	

NOTE : Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

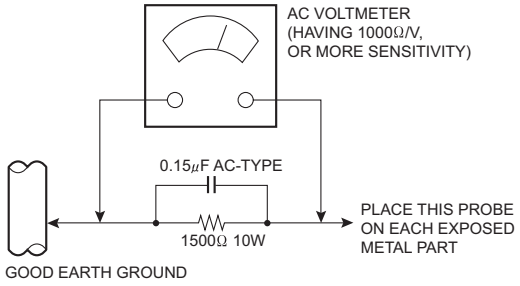
(6) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

(7) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

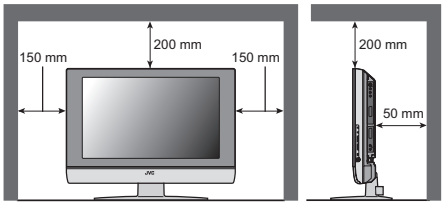
If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls.
Install the unit on stable flooring or stands.
Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

Distance recommendations

Avoid improper installation and never position the unit where good ventilation is impossible.
When installing this TV, distance recommendations must be maintained between the set and the wall, as well as inside a tightly enclosed area or piece of furniture.
Keep to the minimum distance guidelines shown for safe operation.



1.3 PRECAUTIONS

(1) The picture brightness may become uneven on the entire screen according to the environmental temperature. Be sure to use your monitor set in a specified temperature range for proper display presentation.
(2) Avoid disturbing the heat dissipation from the vent holes provided in the rear, on the top and at the sides. Failure to do so may result in damaged electronics inside due to the accumulated heat within the unit.
(3) Be sure to install the unit in a well-ventilated place. Also make sure that the ambient temperature is kept in the range of 0 to 35°C.
(4) Avoid operation or storage in high temperature and humidity that exceed the specified limit. Otherwise, the display presentation may be deteriorated.
(5) This monitor may display a blurred picture when exposed to an extreme environmental conditions. This phenomenon is due to an intrinsic characteristic of the Liquid Crystal Display (LCD). This is not the failure.
(6) This monitor display uses a Cold Cathode Tube as a backlighting device. The brilliance of this tube (and the monitor display) may be degraded by time.

1.4 CAUTIONS FOR TRANSPORTATION

The goods may be damaged during transportation caused by poor handling such as throwing, toppling, dropping, etc, giving an excess force against the LCD device. This may happen even if the packing is rigid and secured. To avoid such adverse situations, give a proper instruction to the freighter for secured handling. The LCD panel uses a glass plate, which is very fragile against an external force. Take utmost care to avoid vibration or shock to the panel.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 ABOUT LIQUID CRYSTAL DISPLAY

2.1.1 STRUCTURE OF LIQUID CRYSTAL PANEL

The Liquid Crystal Display used for this unit is of a TFT (Thin Film Transistor) type panel. The structure of this panel is that a TFT array-formed substrate and the stripe pixel matrix type color filter substrate are pressed together with a liquid crystal filled in between these materials.

2.1.2 LONG-TERM AFTERIMAGE ON THE LCD

A minute amount of ionic material could be mingled into a liquid crystal substrate in the manufacturing process. By applying the electricity to the panel the ionic material may be migrated towards one part of the electrodes, causing a long-term afterimage to be displayed. In practice, when a still image is displayed for a long time, the afterimage may be developed and persisted. To cure this problem, turn off the unit and then turn on again and arrange displaying an appropriate still image on the portion where the afterimage is being superimposed.

2.1.3 RESPONSE SPEED OF THE LCD

The LCD is slower than the CRT in terms of the display refresh rate, causing a fast moving picture may be displayed blurred. This is not fault but caused by an intrinsic characteristic of the LCD.

2.1.4 VIEWING ANGLE OF THE LCD

This LCD uses a wide-angle liquid crystal panel, featuring a low rate of the brightness inversion. When viewed from a far outer angle, the screen may be displayed with hue variation. Again, this is not fault but caused by an intrinsic characteristic of the LCD.

2.1.5 PIXEL DEFICIENCY OF THE LCD

The liquid crystal panel is manufactured with precise engineering procedure. However, there is a possibility of yielding a little amount of defective pixels in part on the panel. This is unavoidable feature even if the latest technology is being used for manufacturing the LCD module.

2.2 IMPORTANT NOTICE WHEN REPLACING COMPONENT PARTS

2.2.1 REPLACING THE LCD MODULE

(1) The LCD panel is fragile against the static charge. Be sure to take an appropriate grounding using a grounding-strap etc. when to replace the LCD panel.
(2) The LCD is made of glass, which is fragile against the mechanical shock. Use utmost care when handling the LCD panel.
(3) When replacing the panel, first place the panel on the base chassis and then make sure that there is no gap in between the panel and the chassis. Fix the panel with fixing screws. Turn the unit on with an all-black signal being put in and check if the brightness is even on the entire screen. If the brightness is not even in some part, slacken the fixing screw nearby until the brightness becomes even with other parts.
(4) A tightening torque for the fixing screws must be set to 0.294Nm or the less. Applying the torque larger than this limit may result in the damage on the LCD panel.
(5) Connecting or disconnecting the plugs with the set is being powered may cause the malfunction of the set. Makes sure that the AC power plug is disconnected from the power source when attempting the replacement work.

2.2.2 REPLACING THE FUSE

Be sure to use the rated fuse. After replacing the fuse, confirm that the insulator is stuck on the shielding surface for secure insulation.

SECTION 3
DISASSEMBLY

3.1 CAUTION AT DISASSEMBLY:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.2 DISASSEMBLY PROCEDURE [LT-32SH6/A]

3.2.1 REMOVING THE STAND (Fig.1)

(1) Remove the 2 screws **[A]**, then remove the STAND COVER.
(2) Remove the 4 screws **[B]**, then remove the STAND.

3.2.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.
  (1) Remove the JACK COVER (L/R).
  (2) Remove the 7 screws **[C]**, the 4 screws **[D]**, and the 1 screw **[E]**.
  (3) Remove the REAR COVER.

3.2.3 REMOVING THE POWER CORD HOLDER AND SD CARD BASE (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 2 screws **[F]**, then remove the POWER CORD HOLDER.
  (2) Remove the 1 screw **[G]**, then remove the SD CARD BASE.

3.2.4 REMOVING THE MAIN PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 4 screws **[H]**, then remove the MAIN PWB SHIELD.
  (2) Remove the 3 screws **[J]**, then remove the TERMINAL BASE.
  (3) Remove the 7 screws **[K]**, then remove the MAIN PWB.

3.2.5 REMOVING THE POWER PWB (Fig.1)

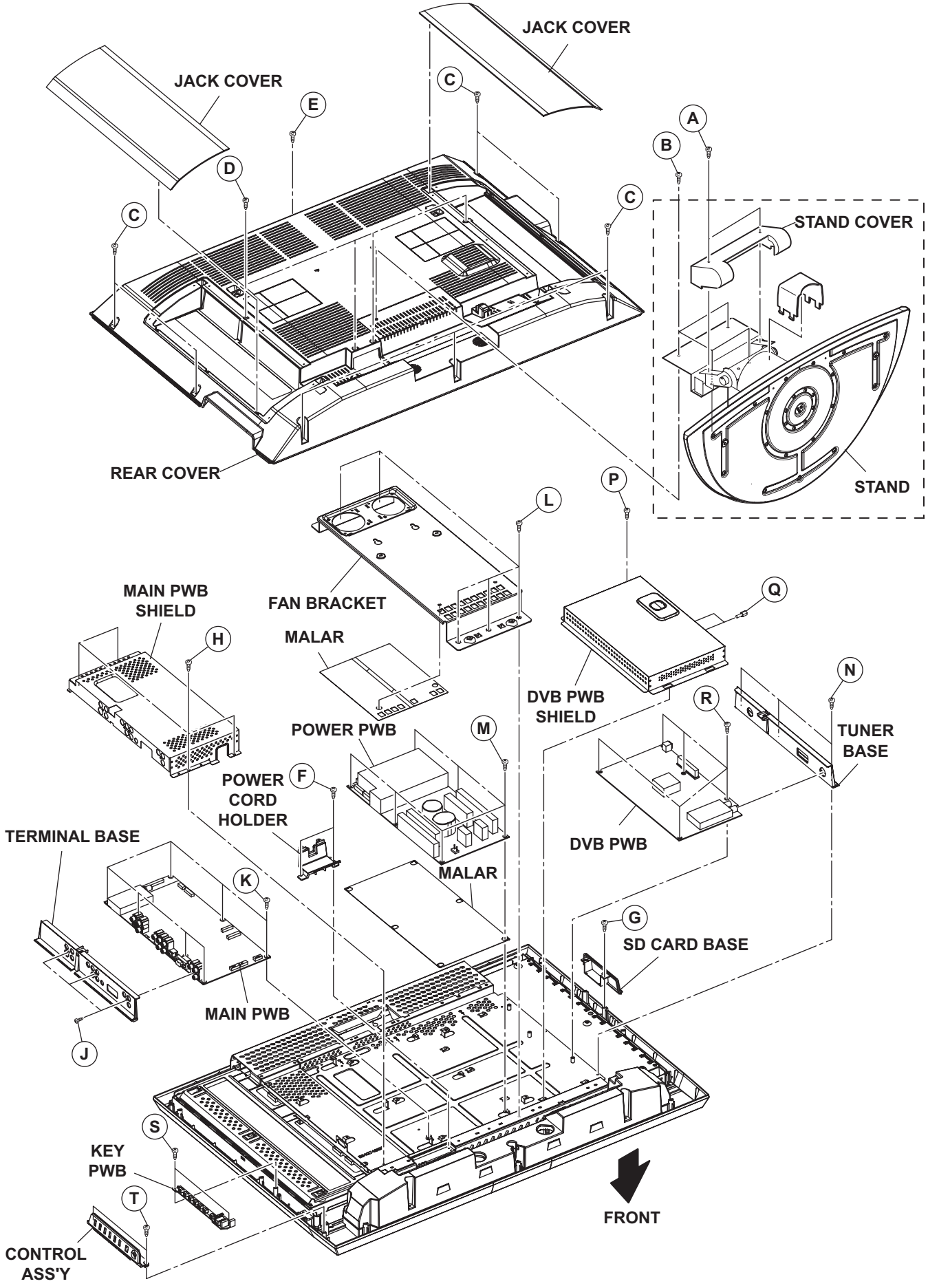
- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 5 screws **[L]**, then remove the FAN BRACKET.
  (2) Remove the 6 screws **[M]**, then remove the POWER PWB.

3.2.6 REMOVING THE DVB PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 3 screws **[N]**, then remove the TUNER BASE.
  (2) Remove the 1 screw **[P]** and the 2 screws **[Q]**, then remove the DVB PWB SHIELD.
  (3) Remove the 5 screws **[R]**, then remove the DVB PWB.

3.2.7 REMOVING THE KEY PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 2 screws **[S]**, then remove the KEY PWB.
  (2) Remove the 2 screws **[T]**, then remove the CONTROL ASS'Y.


JACK COVER
JACK COVER
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CONTROL
ASS'Y
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Fig.1

3.2.8 REMOVING THE SPEAKER (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 7 screws **[A]**, then remove the SPEAKER BOX.
  (2) Remove the 4 screws **[B]**, then remove the SPEAKER (L/R).
  (3) Remove the 4 screws **[C]**, then remove the DUCT(L/R).

NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

3.2.9 REMOVING THE LCD PANEL UNIT (Fig.2)

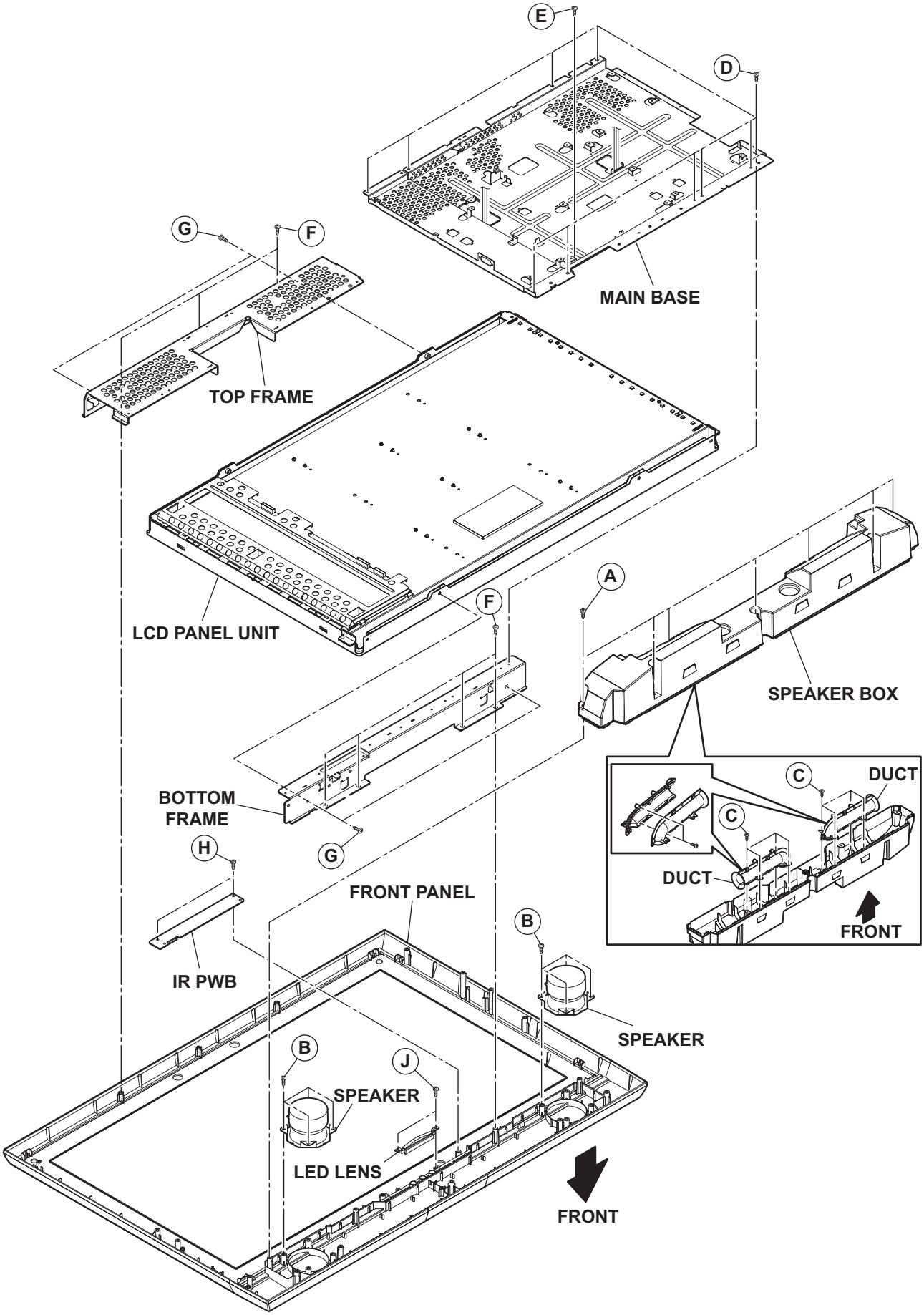
- Remove the STAND.
- Remove the REAR COVER.
- Remove the POWER CORD HOLDER.
- Remove the MAIN PWB.
- Remove the POWER PWB.
- Remove the DVB PWB.
  (1) Remove the 10 screws **[D]** and 1 screw **[E]**, then remove the MAIN BASE.
  (2) Remove the 7 screws **[F]**, then remove the LCD PANEL UNIT whit the TOP FRAME and BOTTOM FRAME.
  (3) Remove the 4 screws **[G]**, then remove the TOP FRAME and BOTTOM FRAME from the LCD PANEL UNIT.

3.2.10 REMOVING THE IR PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 2 screws **[H]**, then remove the IR PWB.

3.2.11 REMOVING THE LED LENS (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the IR PWB.
  (1) Remove the 2 screws **[J]**, then remove the LED LENS.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J
SPEAKER
LED LENS
FRONT

Fig.2

3.3 DISASSEMBLY PROCEDURE [LT-37SH6/A]

3.3.1 REMOVING THE STAND (Fig.3)

(1) Remove the 1 screw **[A]**, then remove the STAND COVER.
(2) Remove the 4 screws **[B]**, then remove the STAND.

3.3.2 REMOVING THE REAR COVER (Fig.3)

- Remove the STAND.
  (1) Remove the JACK COVER (L/R).
  (2) Remove the 8 screws **[C]**, the 3 screws **[D]**, the 2 screws **[E]** and the 2 screws **[F]**.
  (3) Remove the REAR COVER.

3.3.3 REMOVING THE POWER CORD HOLDER AND SD CARD BASE (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 2 screws **[G]**, then remove the POWER CORD HOLDER.
  (2) Remove the 2 screws **[H]**, then remove the SD CARD BASE.

3.3.4 REMOVING THE MAIN PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 6 screws **[J]**, then remove the MAIN PWB SHIELD.
  (2) Remove the 3 screws **[K]**, then remove the TERMINAL BASE.
  (3) Remove the 7 screws **[L]**, then remove the MAIN PWB.

3.3.5 REMOVING THE POWER PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 5 screws **[M]**, then remove the FAN BRACKET.
  (2) Remove the 6 screws **[N]**, then remove the POWER PWB.

3.3.6 REMOVING THE DVB PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 3 screws **[P]**, then remove the TUNER BASE.
  (2) Remove the 2 screws **[Q]**, then remove the DVB PWB SHIELD.
  (3) Remove the 5 screws **[R]**, then remove the DVB PWB.

3.3.7 REMOVING THE KEY PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 2 screws **[S]**, then remove the KEY PWB.
  (2) Remove the 2 screws **[T]**, then remove the CONTROL ASS'Y.

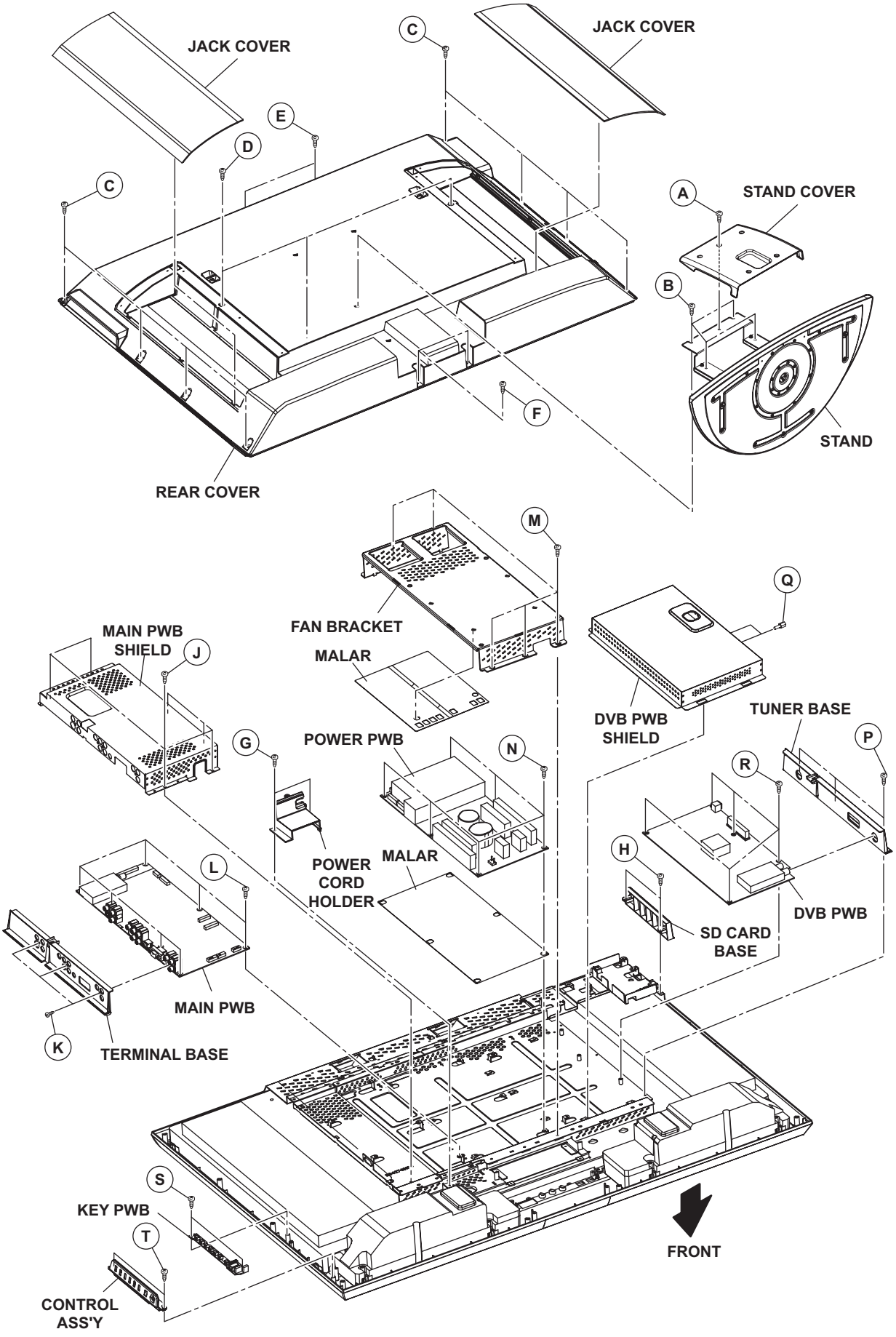
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Fig.3

3.3.8 REMOVING THE SPEAKER (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 6 screws **[A]** and 6 spacers **[B]**, then remove the SPEAKER (L/R).

NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

3.3.9 REMOVING THE LCD PANEL UNIT (Fig.4)

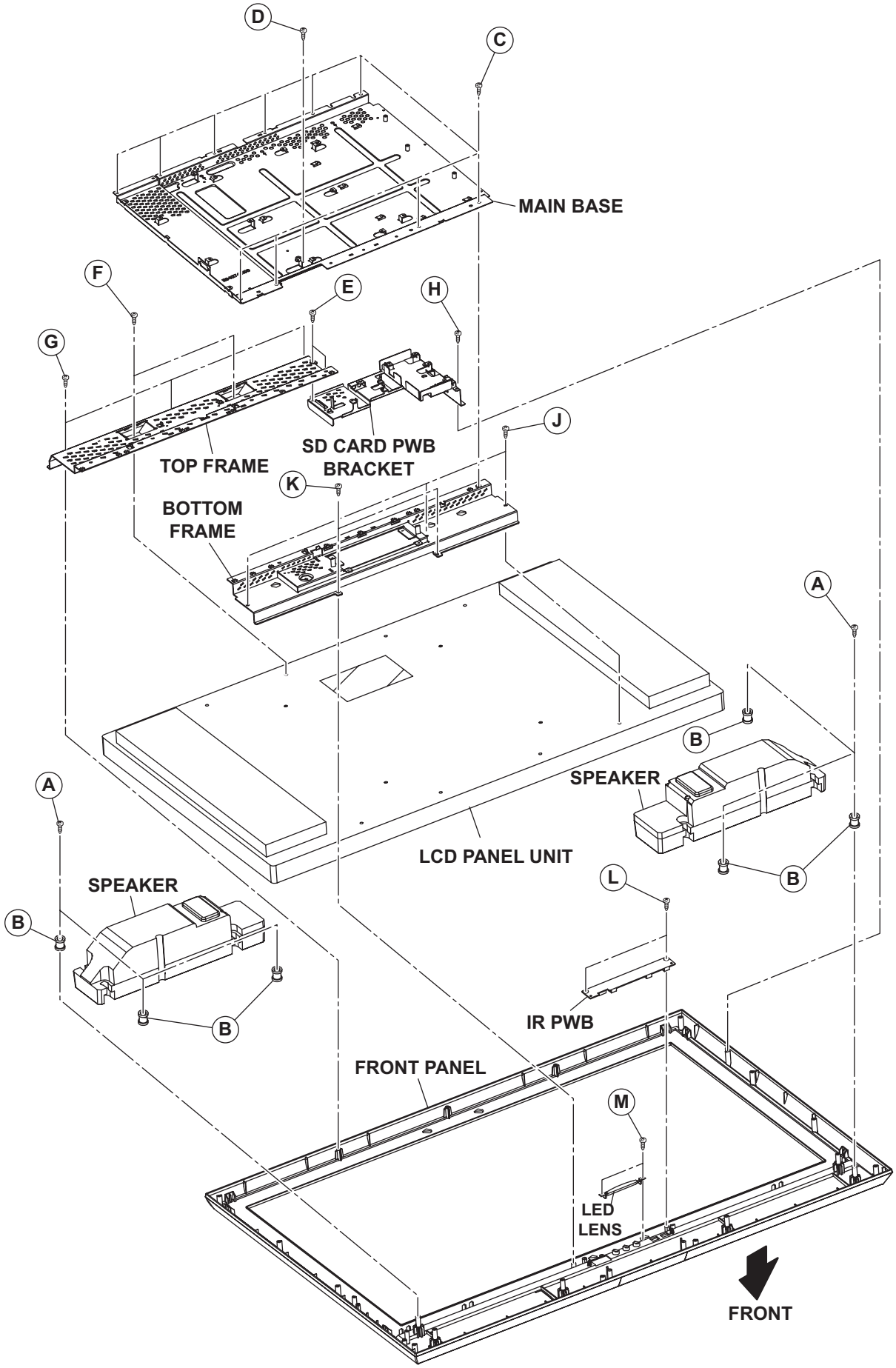
- Remove the STAND.
- Remove the REAR COVER.
- Remove the POWER CORD HOLDER.
- Remove the MAIN PWB.
- Remove the POWER PWB.
- Remove the DVB PWB.
  (1) Remove the 10 screws **[C]** and 1 screw **[D]**, then remove the MAIN BASE.
  (2) Remove the 2 screws **[E]**, 2 screws **[F]** and 3 screws **[G]**, then remove the TOP FRAME.
  (3) Remove the 1 screw **[H]**, then remove the SD CARD PWB BRACKET.
  (4) Remove the 3 screws **[J]** and 2 screws **[K]**, then remove the BOTTOM FRAME.
  (5) Remove the LCD PANEL from the FRONT PANEL.

3.3.10 REMOVING THE IR PWB (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 2 screws [L], then remove the IR PWB.

3.3.11 REMOVING THE LED LENS (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the IR PWB.
  (1) Remove the 2 screws **[M]**, then remove the LED LENS.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TOP FRAME
K
BOTTOM
FRAME
A
B
SPEAKER
LCD PANEL UNIT
A
B
L
SPEAKER
B
IR PWB
FRONT PANEL
M
LED
LENS
FRONT

Fig.4

3.4 REPLACEMENT OF CHIP COMPONENT

3.4.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.4.2 SOLDERING IRON

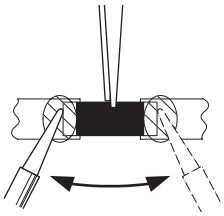
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.4.3 REPLACEMENT STEPS

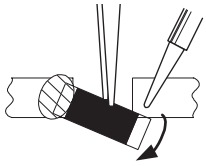
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



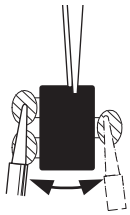
(2) Shift with the tweezers and remove the chip part.



[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.

(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



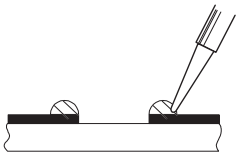
NOTE :

After removing the part, remove remaining solder from the pattern.

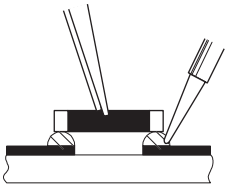
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

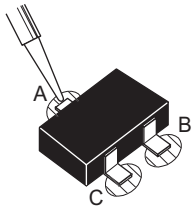


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

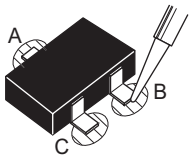


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



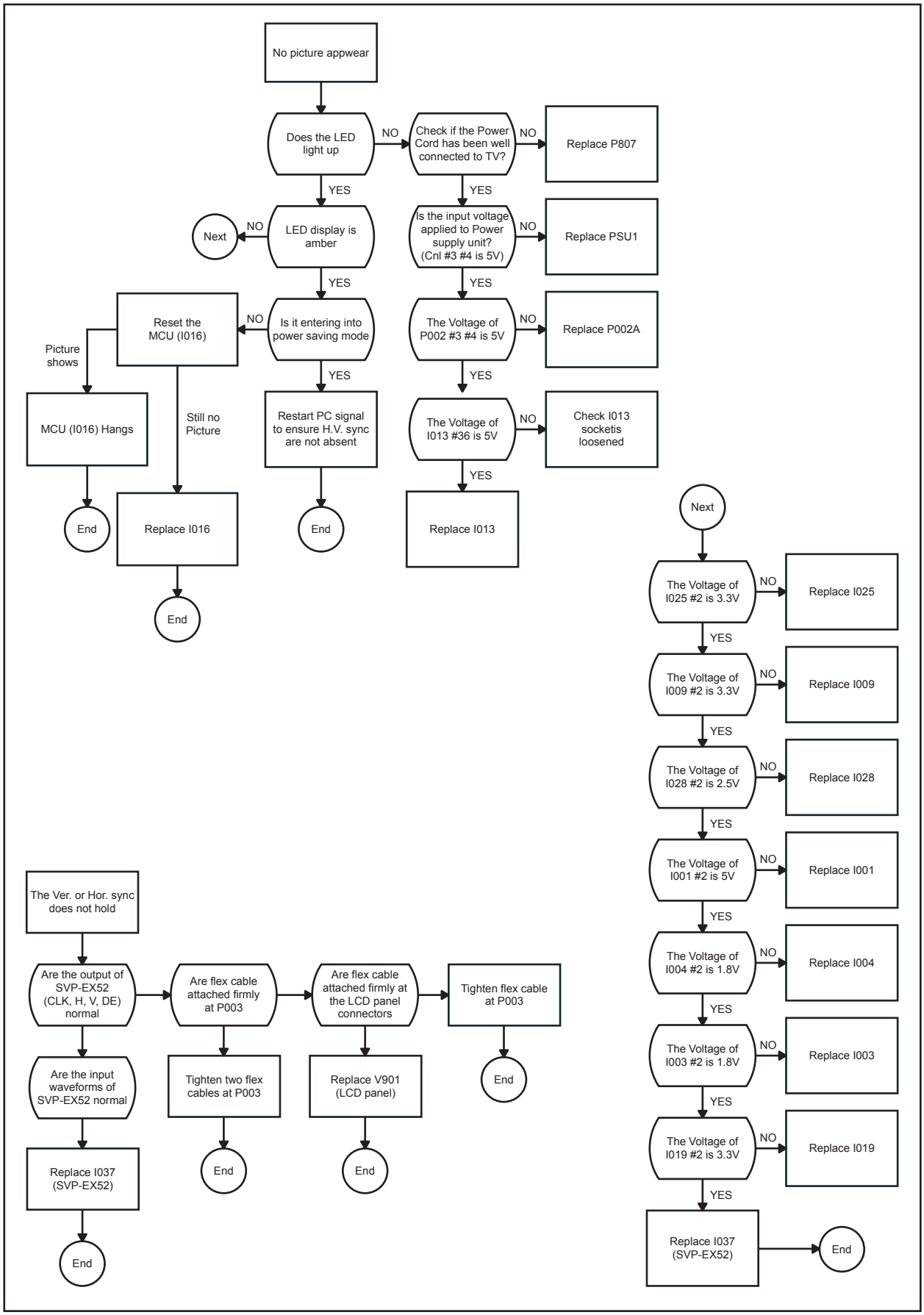
(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING



JVC
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(No.YA382)

Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

LCD FLAT TELEVISION

LT-32SH6/A,
LT-37SH6/A

CD-ROM No.SML200607

DVB Digital Video Broadcasting

[LT-37SH6/A]

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No.YA382
2006/7

LT-32SH6/A, LT-37SH6/A

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Othters ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

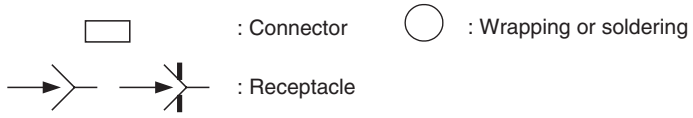
No unit	: [μH]
Others	: As specified

(4)Power Supply

∗ Respective voltage values are indicated

(5)Test point

(6)Connecting method



(7)Ground symbol

⊥ : LIVE side ground

⏚ : ISOLATED(NEUTRAL) side ground

⏚ : EARTH ground

▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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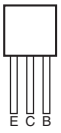
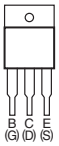
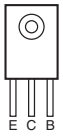
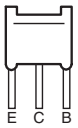
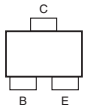
PATTERN DIAGRAMS 2-35
- MAIN PWB PATTERN 2-35
- IR PWB PATTERN 2-37
- KEY PWB PATTERN 2-37

USING P.W. BOARD

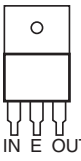
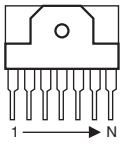
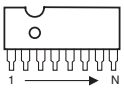
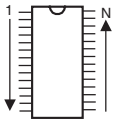
PWB ASS'Y name	LT-32SH6/A	LT-37SH6/A
MAIN P.W. BOARD	DA-5097661600(PWB-0983-C)	DA-5097661601(PWB-0983-C)
IR P.W. BOARD	DA-5097661700(PWB-0984-C)	DA-5097661701(PWB-0984-C)
KEY P.W. BOARD	DA-5097663300(PWB-0994-C)	DA-5097663301(PWB-0994-C)

SEMICONDUCTOR SHAPES

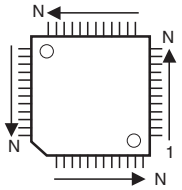
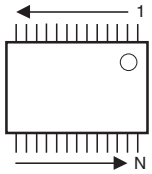
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

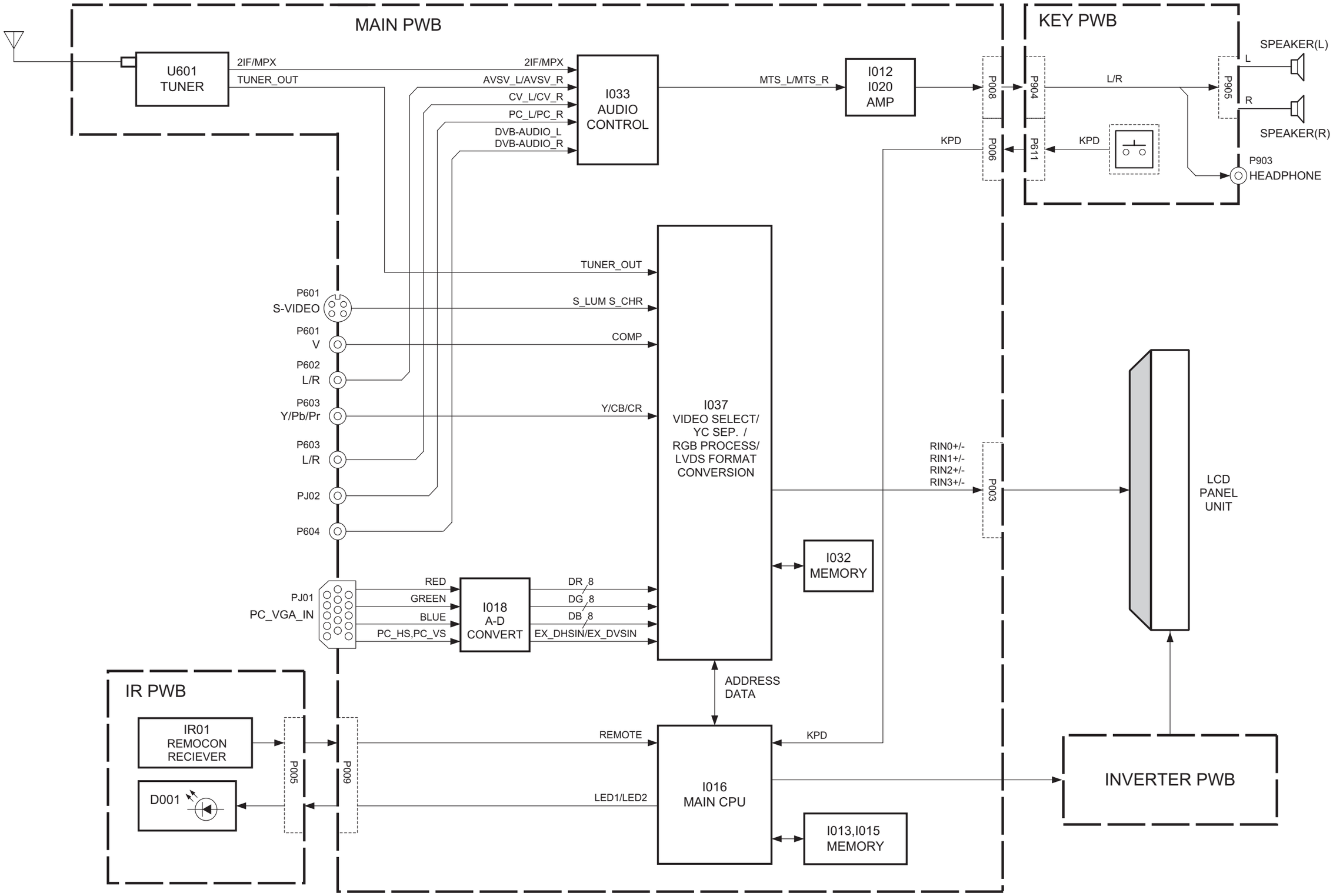
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

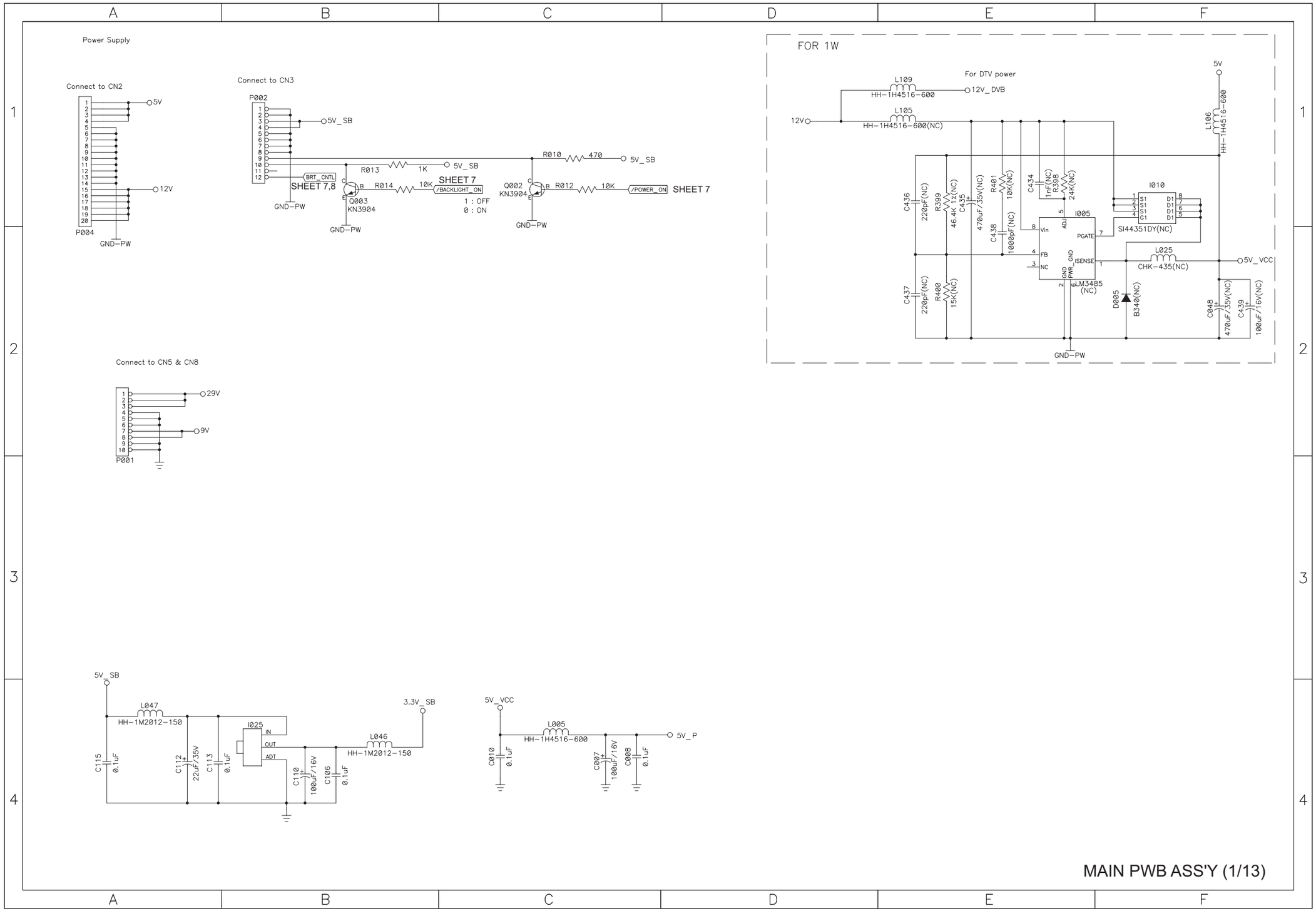
TOP VIEW		
		

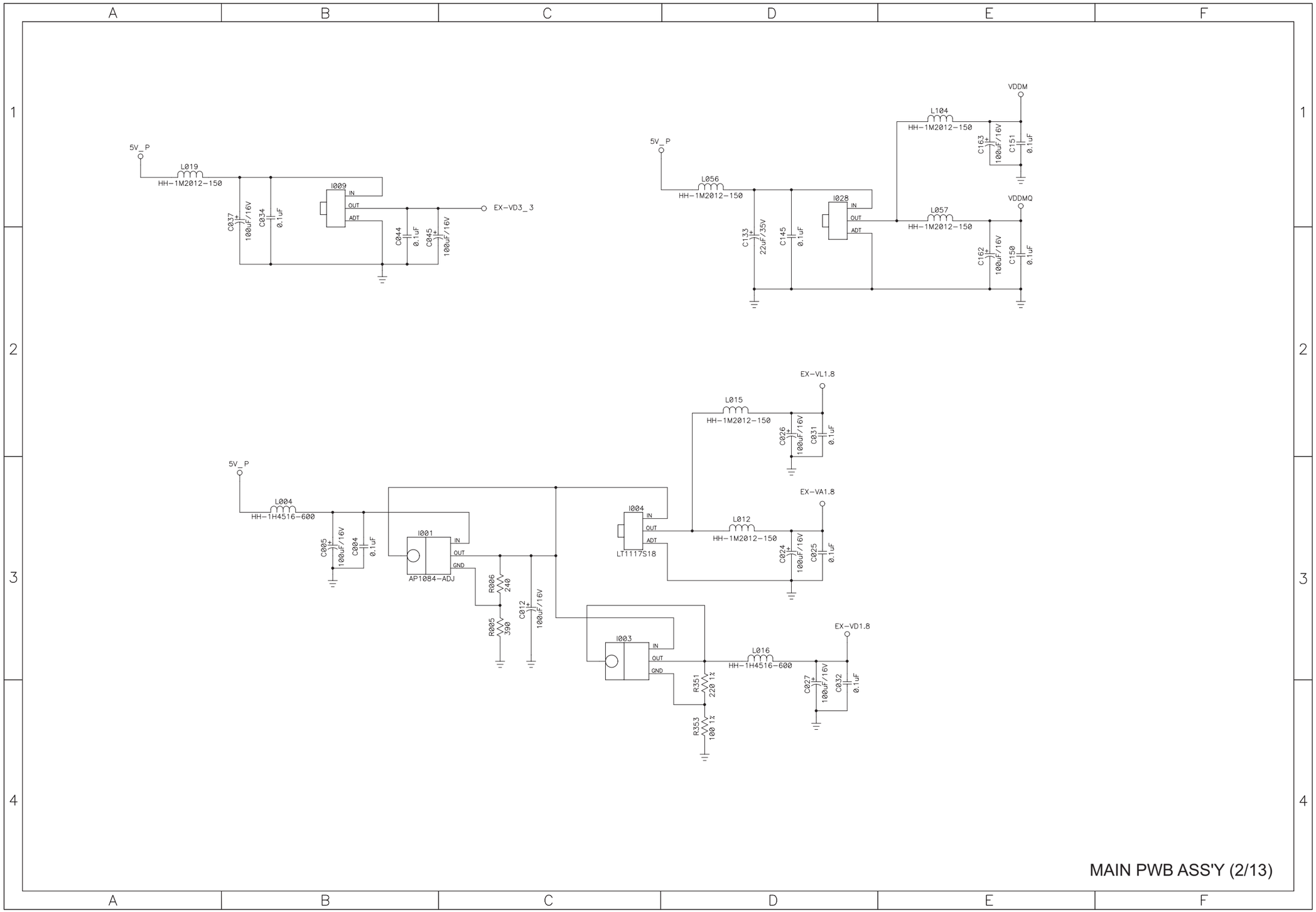
BLOCK DIAGRAM

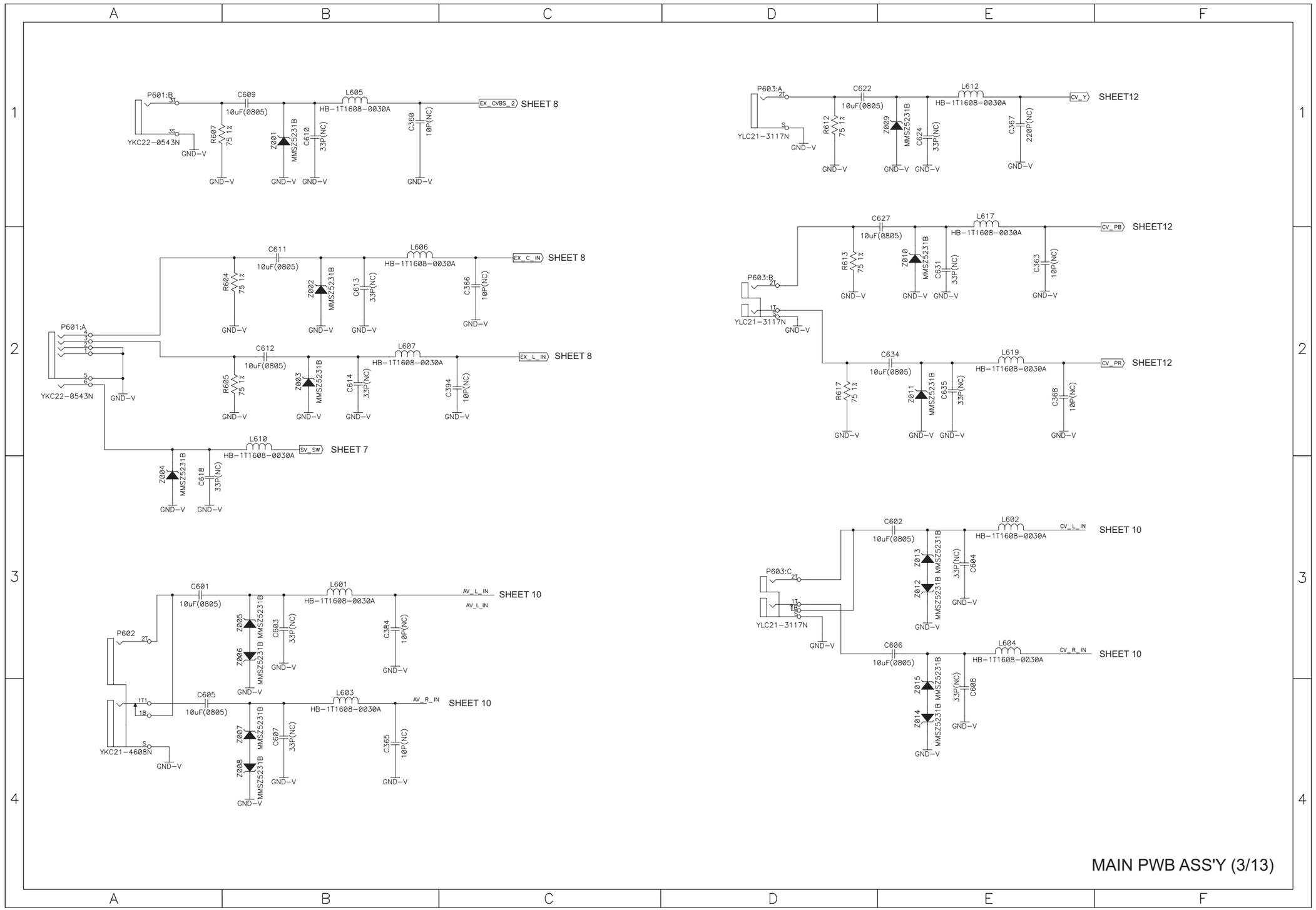


CIRCUIT DIAGRAMS

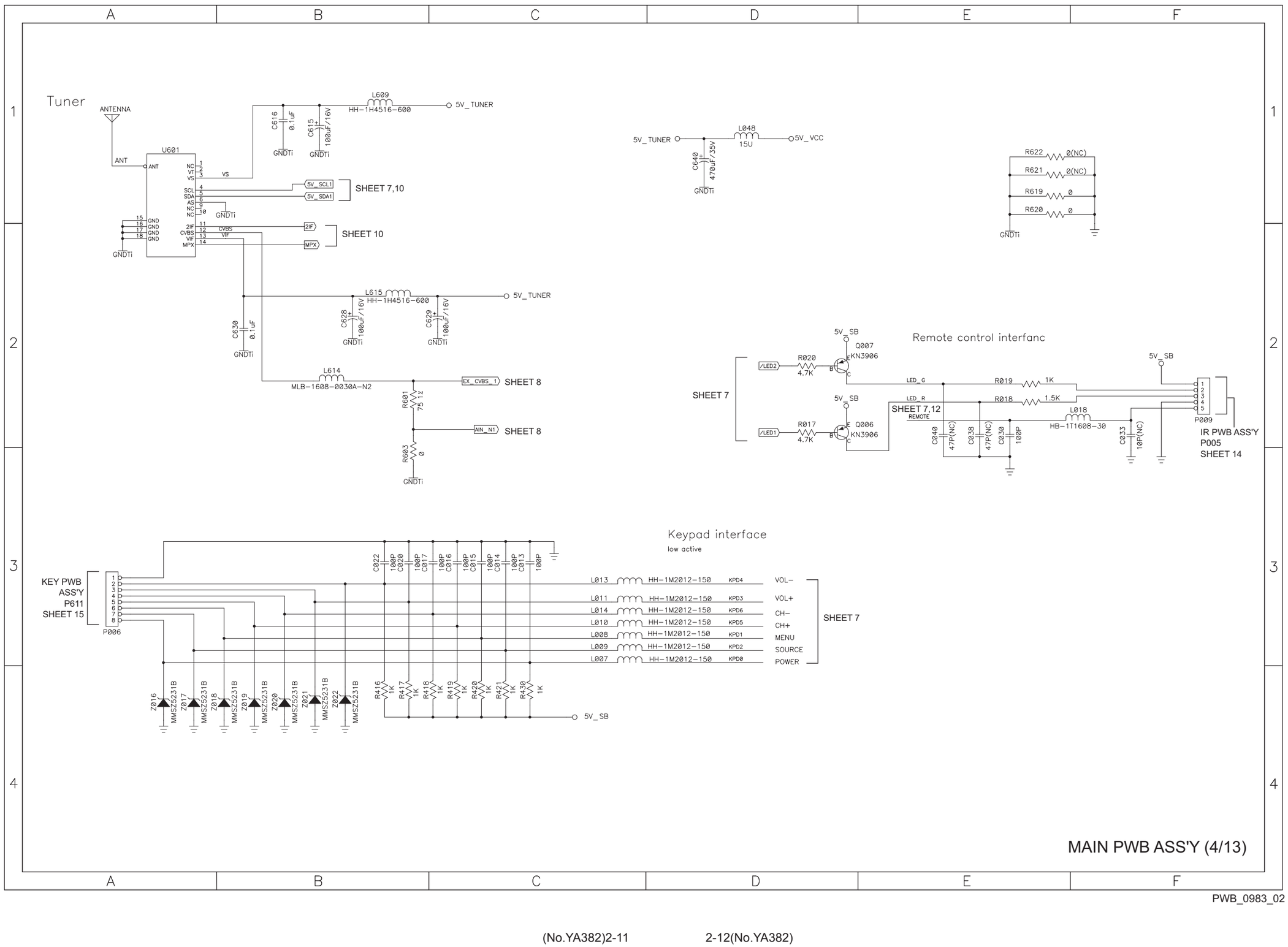
MAIN PWB CIRCUIT DIAGRAM (1/13) SHEET1

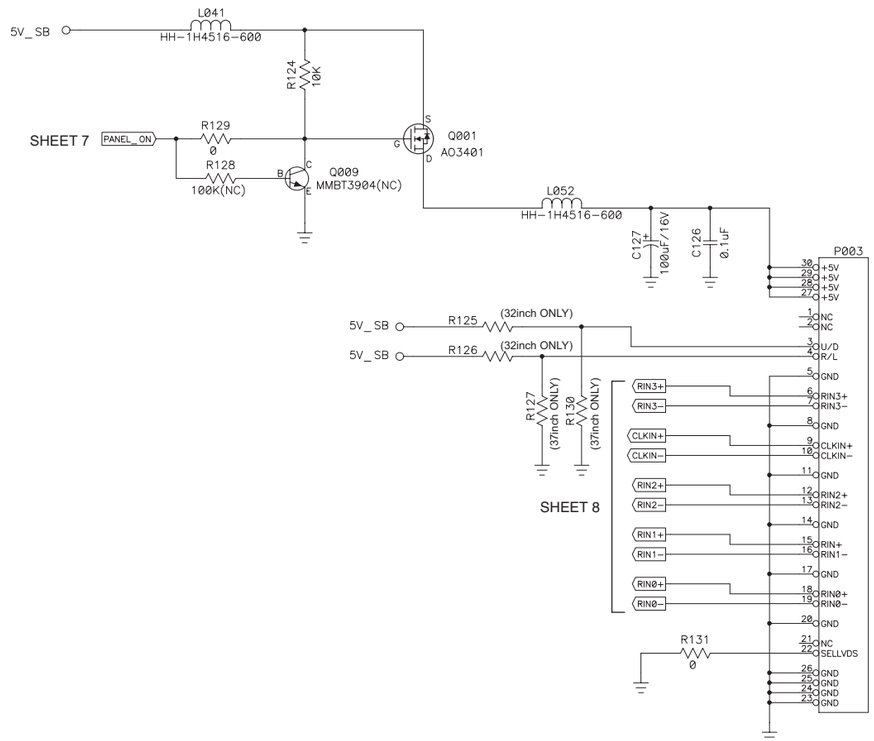



A
B
C
D
E
F
1
2
3
4
5V_P
L019
HH-1M2012-150
C037
100uF/16V
C034
0.1uF
I009
IN
OUT
ADT
C044
0.1uF
C045
100uF/16V
EX-VD3_3
VDDM
L104
HH-1M2012-150
C163
100uF/16V
C151
0.1uF
5V_P
L056
HH-1M2012-150
C133
22uF/35V
C145
0.1uF
I028
IN
OUT
ADT
L057
HH-1M2012-150
VDDMQ
C162
100uF/16V
C150
0.1uF
EX-VL1.8
L015
HH-1M2012-150
C026
100uF/16V
C031
0.1uF
5V_P
L004
HH-1H4516-600
C005
100uF/16V
C004
0.1uF
I001
IN
OUT
GND
AP1084-ADJ
R006
240
R005
390
C012
100uF/16V
I004
IN
OUT
ADT
LT1117S18
L012
HH-1M2012-150
EX-VA1.8
C024
100uF/16V
C025
0.1uF
I003
IN
OUT
GND
L016
HH-1H4516-600
EX-VD1.8
R351
220 1%
R353
100 1%
C027
100uF/16V
C032
0.1uF
MAIN PWB ASS'Y (2/13)
PWB_0983_02


P601:B
3T
3S
YKC22-0543N
GND-V
C609
10uF(0805)
L605
HB-1T1608-0030A
EX_CVBS_2
SHEET 8
R607
75 1%
Z001
MMSZ5231B
C610
33P(NC)
C360
10P(NC)
C611
10uF(0805)
L606
HB-1T1608-0030A
EX_C_IN
SHEET 8
R604
75 1%
Z002
MMSZ5231B
C613
33P(NC)
C366
10P(NC)
P601:A
4
3
2
1
5
C612
10uF(0805)
L607
HB-1T1608-0030A
EX_L_IN
SHEET 8
R605
75 1%
Z003
MMSZ5231B
C614
33P(NC)
C394
10P(NC)
L610
HB-1T1608-0030A
SV_SW
SHEET 7
Z004
MMSZ5231B
C618
33P(NC)
C601
10uF(0805)
L601
HB-1T1608-0030A
AV_L_IN
SHEET 10
AV_L_IN
P602
2T
Z005
MMSZ5231B
Z006
MMSZ5231B
C603
33P(NC)
C384
10P(NC)
1T1
1B
C605
10uF(0805)
L603
HB-1T1608-0030A
AV_R_IN
SHEET 10
Z007
MMSZ5231B
Z008
MMSZ5231B
C607
33P(NC)
C365
10P(NC)
S
YKC21-4608N
P603:A
2T
S
YLC21-3117N
C622
10uF(0805)
L612
HB-1T1608-0030A
CV_Y
SHEET12
R612
75 1%
Z009
MMSZ5231B
C624
33P(NC)
C367
220P(NC)
C627
10uF(0805)
L617
HB-1T1608-0030A
CV_PB
SHEET12
P603:B
2T
1T
S
YLC21-3117N
R613
75 1%
Z010
MMSZ5231B
C631
33P(NC)
C363
10P(NC)
C634
10uF(0805)
L619
HB-1T1608-0030A
CV_PR
SHEET12
R617
75 1%
Z011
MMSZ5231B
C635
33P(NC)
C368
10P(NC)
C602
10uF(0805)
L602
HB-1T1608-0030A
CV_L_IN
SHEET 10
P603:C
2T
1T
S
YLC21-3117N
Z013
MMSZ5231B
Z012
MMSZ5231B
33P(NC)
C604
C606
10uF(0805)
L604
HB-1T1608-0030A
CV_R_IN
SHEET 10
Z015
MMSZ5231B
Z014
MMSZ5231B
33P(NC)
C608
MAIN PWB ASS'Y (3/13)
A
B
C
D
E
F
1
2
3
4

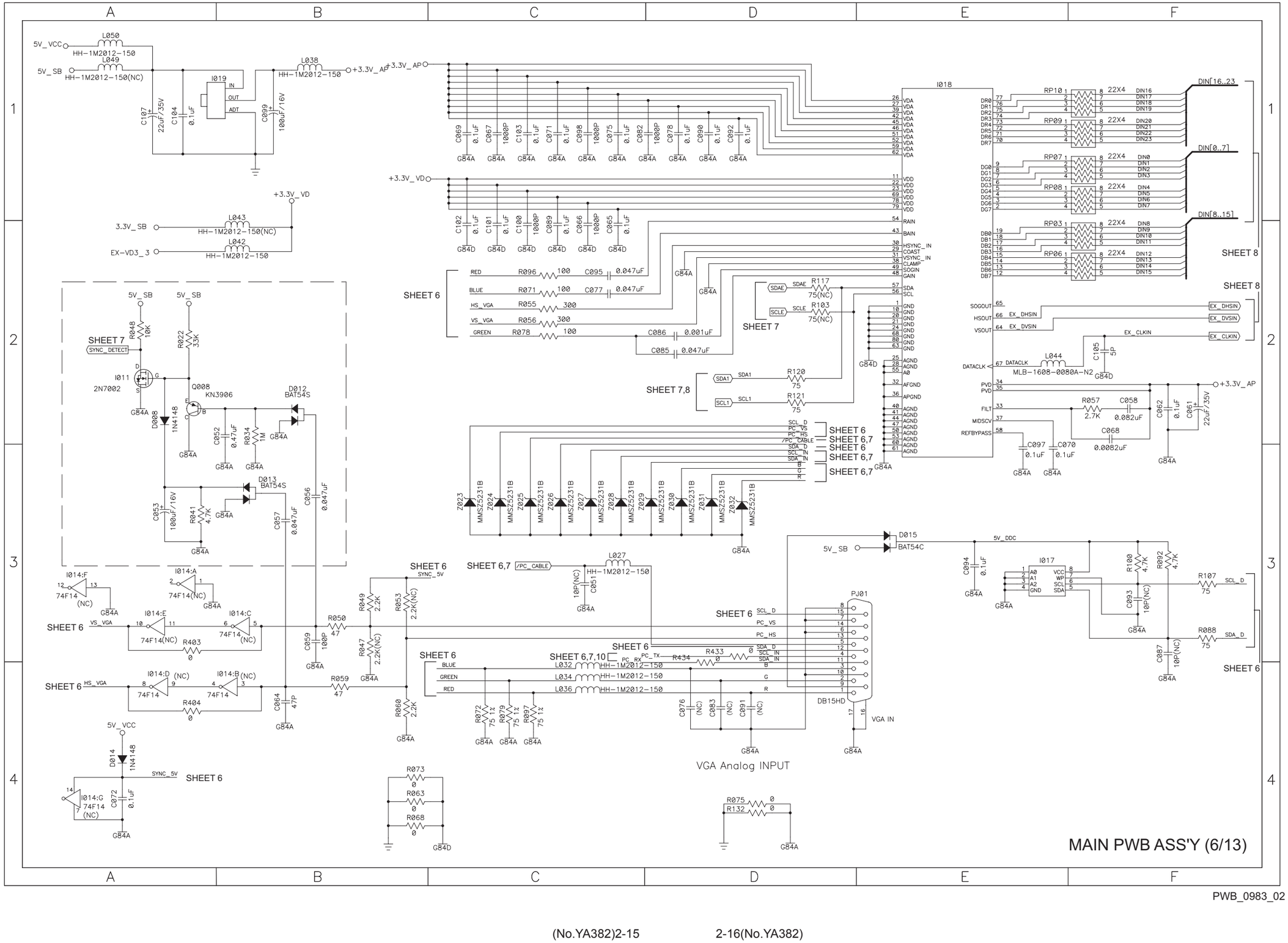
PWB_0983_02

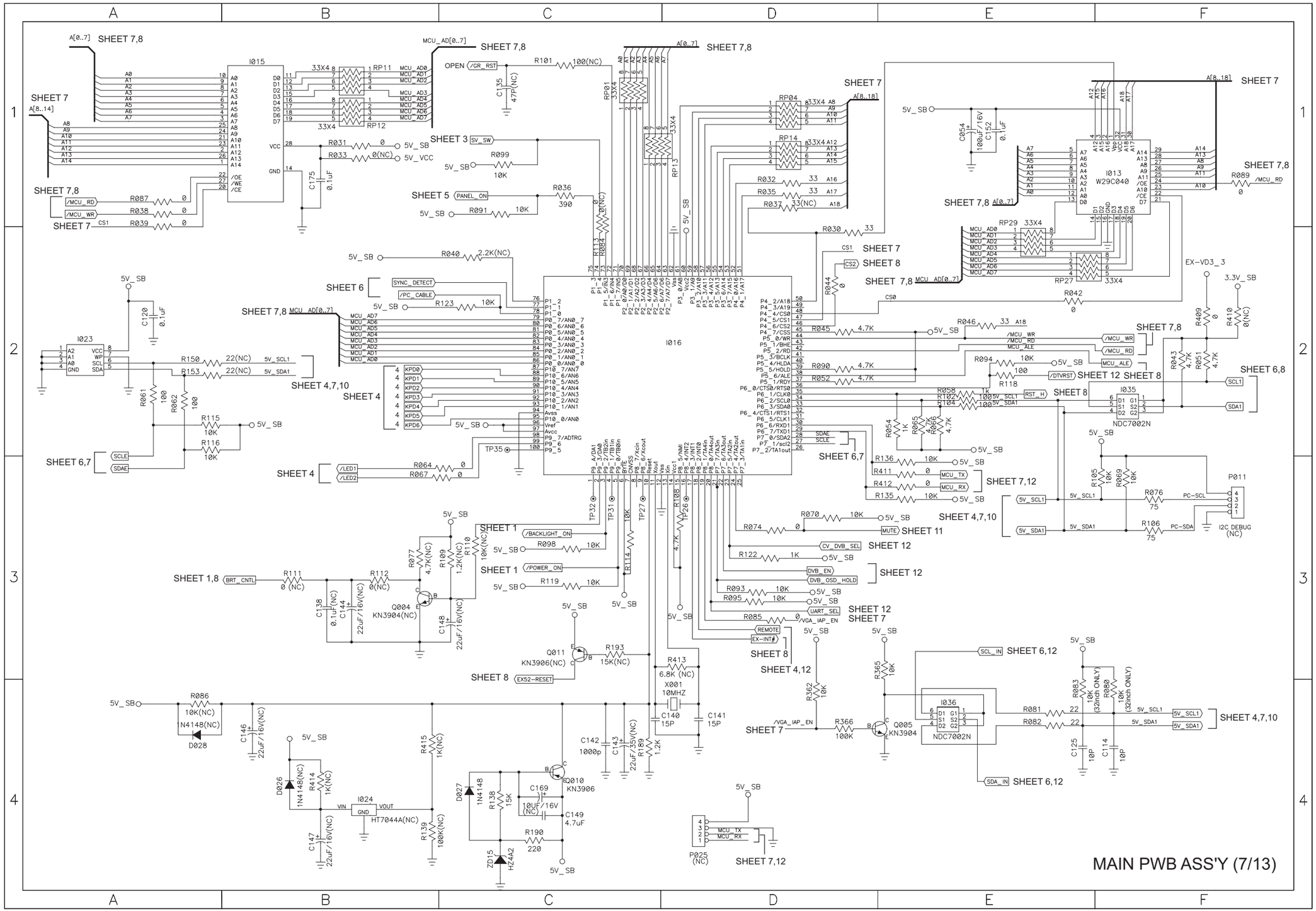

Tuner
ANTENNA
ANT
U601
L609
HH-1H4516-600
5V_TUNER
C616
0.1uF
C615
100uF/16V
GNDTi
5V_SCL1
5V_SDA1
SHEET 7,10
2IF
SHEET 10
MPX
L615
C628
C629
C630
L614
MLB-1608-0030A-N2
EX_CVBS_1
SHEET 8
R601
75 1%
AIN_N1
R603
0
L048
15U
5V_VCC
C640
470uF/35V
R622
0(NC)
R621
0(NC)
R619
0
R620
0
Remote control interfanc
5V_SB
Q007
KN3906
R020
4.7K
/LED2
LED_G
R019
1K
R018
1.5K
SHEET 7
SHEET 7,12
REMOTE
Q006
R017
/LED1
L018
HB-1T1608-30
C040
47P(NC)
C038
47P(NC)
C030
100P
C033
10P(NC)
P009
IR PWB ASS'Y
P005
SHEET 14
Keypad interface
low active
KEY PWB
ASS'Y
P611
SHEET 15
P006
C022
C020
C017
C016
C015
C014
C013
L013
L011
L014
L010
L008
L009
L007
HH-1M2012-150
KPD4
KPD3
KPD6
KPD5
KPD1
KPD2
KPD0
VOL-
VOL+
CH-
CH+
MENU
SOURCE
POWER
SHEET 7
Z016
Z017
Z018
Z019
Z020
Z021
Z022
MMSZ5231B
R416
R417
R418
R419
R420
R421
R430
1K
MAIN PWB ASS'Y (4/13)
PWB_0983_02



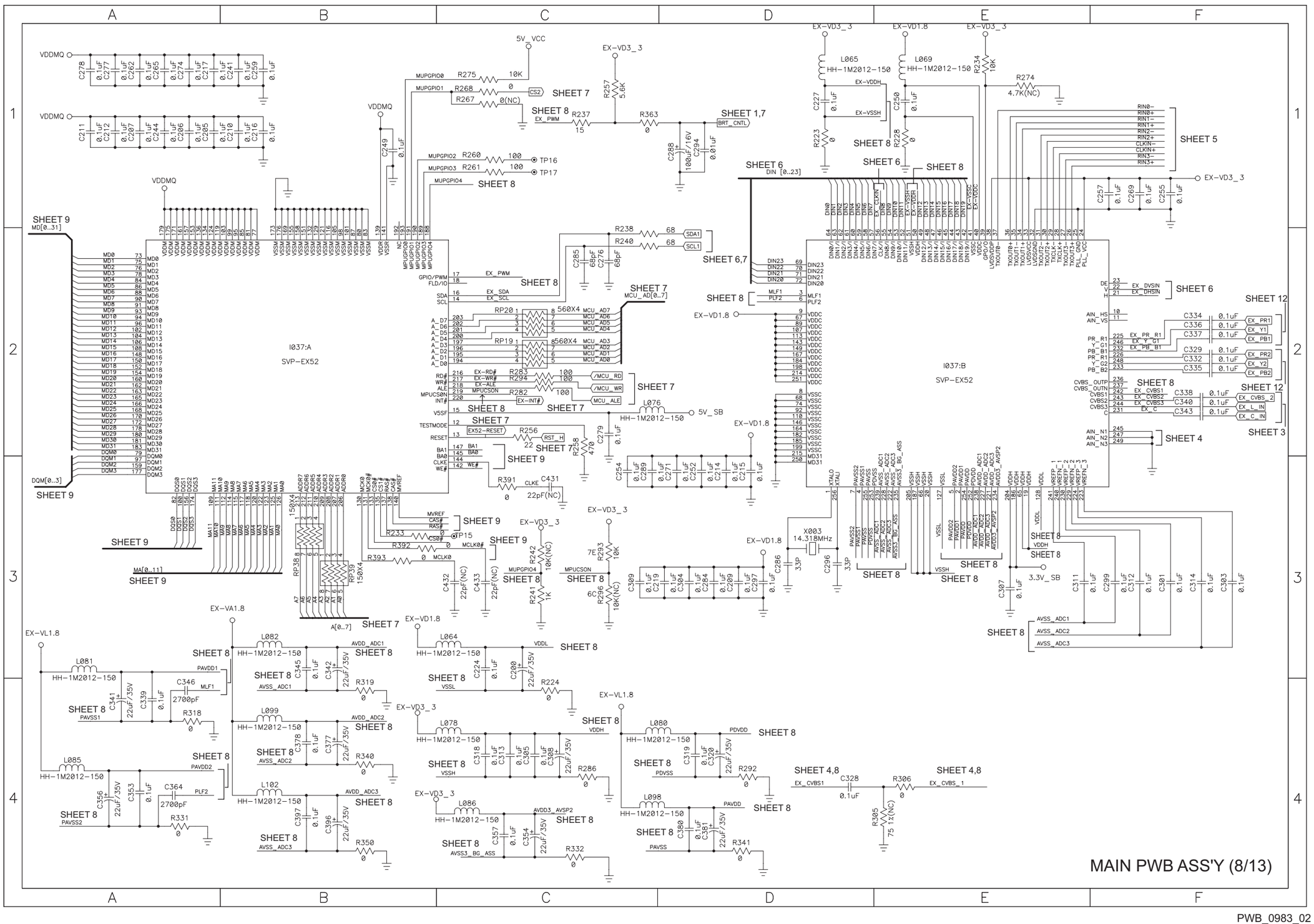
MAIN PWB ASS'Y (5/13)

PWB_0983_02


A
B
C
D
E
F
1
2
3
4
5V_VCC
5V_SB
3.3V_SB
EX-VD3_3
L050
HH-1M2012-150
L049
HH-1M2012-150(NC)
L038
HH-1M2012-150
L043
HH-1M2012-150(NC)
L042
HH-1M2012-150
I019
IN
OUT
ADT
C107 22uF/35V
C104 0.1uF
C099 100uF/16V
+3.3V_AP
+3.3V_VD
I018
VDA
VDD
RAIN
BAIN
HSYNC_IN
COAST
VSYNC_IN
CLAMP
SOGIN
GAIN
SDA
SCL
GND
AGND
A0
AFGND
APGND
SHEET 6
RED
BLUE
HS_VGA
VS_VGA
GREEN
R096 100
R071 100
R055 300
R056 300
R078 100
C095 0.047uF
C077 0.047uF
C086 0.001uF
C085 0.047uF
SHEET 7
SDAE
SCLE
R117 75(NC)
R103 75(NC)
SHEET 7,8
SDA1
SCL1
R120 75
R121 75
SHEET 6,7
/PC_CABLE
SDA_D
SCL_IN
B
G
R
SHEET 6,7,10
PC_TX
PC_RX
Z023 MMSZ5231B
Z024 MMSZ5231B
Z025 MMSZ5231B
Z026 MMSZ5231B
Z027 MMSZ5231B
Z028 MMSZ5231B
Z029 MMSZ5231B
Z030 MMSZ5231B
Z031 MMSZ5231B
Z032 MMSZ5231B
L027 HH-1M2012-150
L032 HH-1M2012-150
L034 HH-1M2012-150
L036 HH-1M2012-150
R433 0
R434 0
C076 (NC)
C083 (NC)
C091 (NC)
PJ01
DB15HD
VGA IN
VGA Analog INPUT
RP10 22X4 DIN16 DIN17 DIN18 DIN19
RP09 22X4 DIN20 DIN21 DIN22 DIN23
RP07 22X4 DIN0 DIN1 DIN2 DIN3
RP08 22X4 DIN4 DIN5 DIN6 DIN7
RP03 22X4 DIN8 DIN9 DIN10 DIN11
RP06 22X4 DIN12 DIN13 DIN14 DIN15
DIN[16..23]
DIN[0..7]
DIN[8..15]
SHEET 8
SOGOUT
HSOUT
VSOUT
DATACLK
EX_DHSIN
EX_DVSIN
EX_CLKIN
L044 MLB-1608-0080A-N2
C105 5P
PVD
FILT
MIDSCV
REFBYPASS
R057 2.7K
C058 0.082uF
C068 0.0082uF
C062 0.1uF
C061 22uF/35V
C097 0.1uF
C070 0.1uF
I017
A0
A1
A2
GND
VCC
WP
SCL
SDA
5V_DDC
C094 0.1uF
R100 4.7K
R092 4.7K
C093 10P(NC)
C087 10P(NC)
R107 75
R088 75
SCL_D
SDA_D
D015
BAT54C
I011 2N7002
Q008 KN3906
D008 1N4148
D012 BAT54S
D013 BAT54S
D014 1N4148
R048 10K
R022 33K
R041 4.7K
R034 1M
C052 0.47uF
C053 100uF/16V
C056 0.047uF
C057 0.047uF
SYNC_DETECT
I014:F 74F14 (NC)
I014:A 74F14(NC)
I014:E 74F14(NC)
I014:C 74F14 (NC)
I014:D (NC) 74F14
I014:B (NC) 74F14
I014:G 74F14 (NC)
R403 0
R404 0
R050 47
R059 47
C059 100P
C064 47P
R049 2.2K
R053 2.2K(NC)
R047 2.2K(NC)
R060 2.2K
SYNC_5V
R072 75 1%
R079 75 1%
R097 75 1%
R073 0
R063 0
R068 0
R075 0
R132 0
MAIN PWB ASS'Y (6/13)
PWB_0983_02


MAIN PWB ASS'Y (7/13)
PWB_0983_02
I015
I016
I023
I024
I035
I036
I013
W29C040
NDC7002N
HT7044A(NC)
KN3904
KN3906
KN3906(NC)
KN3904(NC)
X001
10MHZ
D028
D026
D027
ZD15
HZ4A2
Q004
Q005
Q010
Q011
P011
I2C DEBUG
(NC)
P025
(NC)
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 4,7,10
SHEET 4,12
SHEET 5
SHEET 6
SHEET 6,7
SHEET 6,8
SHEET 6,12
SHEET 7
SHEET 7,8
SHEET 7,12
SHEET 8
SHEET 11
SHEET 12
SHEET 1,8
SHEET 4,7,10
SHEET 7,8 A[8..18]
SHEET 7,8 A[0..7]
SHEET 7,8 MCU_AD[0..7]
SHEET 7 A[8..14]
SHEET 7 A[8..18]
SHEET 7 CS1
SHEET 7 CS2
SHEET 8 CS0
SHEET 8 EX-INT#
SHEET 8 EX52-RESET
SHEET 8 REMOTE
SHEET 12 SHEET 8
SHEET 4,7,10 SHEET 7
SHEET 4,7,10 SHEET 8
SHEET 4,7,10 SHEET 12
SHEET 6,7 SHEET 4
SHEET 6,7 SHEET 7
SHEET 6,8 SHEET 7,8
SHEET 6,12 SHEET 7,8
SHEET 7,12 SHEET 4,7,10
SHEET 7,12 SHEET 8
SHEET 7,12 SHEET 11
SHEET 7,12 SHEET 12
SHEET 8 SHEET 4,12
SHEET 8 SHEET 7
SHEET 8 SHEET 12
SHEET 1,8 BRT_CNTL
SHEET 1 /BACKLIGHT_ON
SHEET 1 /POWER_ON
SHEET 3 SV_SW
SHEET 4 /LED1
SHEET 4 /LED2
SHEET 4,7,10 MCU_AD[0..7]
SHEET 5 PANEL_ON
SHEET 6 SYNC_DETECT
SHEET 6 /PC_CABLE
SHEET 7 A[0..7]
SHEET 7 A[8..14]
SHEET 7 A[8..18]
SHEET 7,8 A[0..7]
SHEET 7,8 A[8..18]
SHEET 7,8 MCU_AD[0..7]
SHEET 7,8 /MCU_RD
SHEET 7,8 /MCU_WR
SHEET 7,8 /MCU_RD
SHEET 7,8 MCU_ALE
SHEET 7,8 /DTVRST
SHEET 7,8 RST_H
SHEET 7,8 SCL1
SHEET 7,8 SDA1
SHEET 7,12 MCU_TX
SHEET 7,12 MCU_RX
SHEET 7,12 MUTE
SHEET 7,12 CV_DVB_SEL
SHEET 7,12 DVB_EN
SHEET 7,12 DVB_OSD_HOLD
SHEET 7,12 UART_SEL
SHEET 7,12 /VGA_IAP_EN
SHEET 7,12 REMOTE
SHEET 8 EX52-RESET
SHEET 8 /VGA_IAP_EN
SHEET 8 SCL_IN
SHEET 8 SDA_IN
SHEET 8 MCU_TX
SHEET 8 MCU_RX
SHEET 8 /MCU_WR
SHEET 8 /MCU_RD
SHEET 8 MCU_ALE
SHEET 8 /DTVRST
SHEET 8 RST_H
SHEET 8 SCL1
SHEET 8 SDA1
SHEET 8 SDAE
SHEET 8 SCLE
SHEET 8 /VGA_IAP_EN
SHEET 8 REMOTE
SHEET 8 EX-INT#
SHEET 8 EX52-RESET

MAIN PWB CIRCUIT DIAGRAM (8/13) SHEET 8



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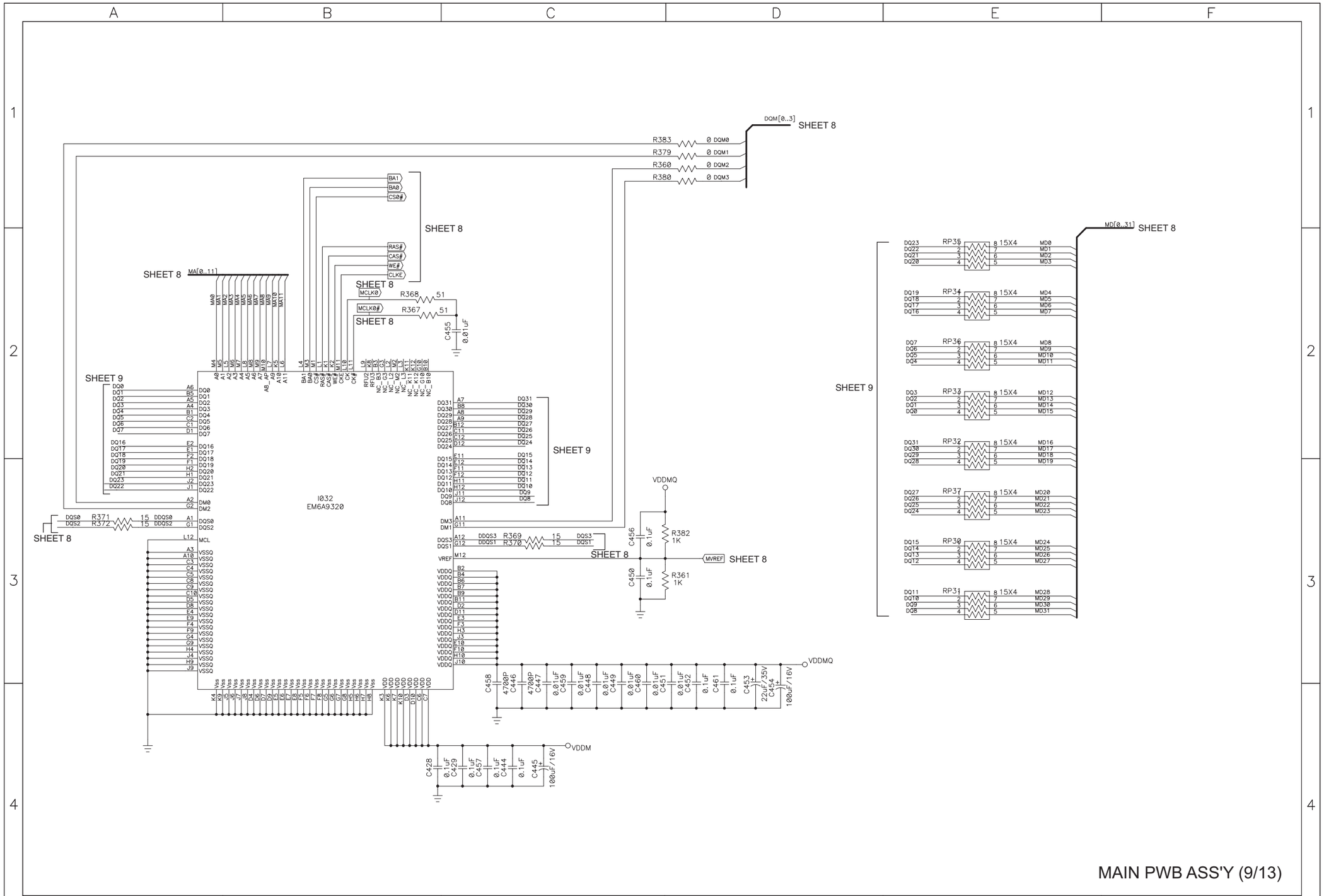
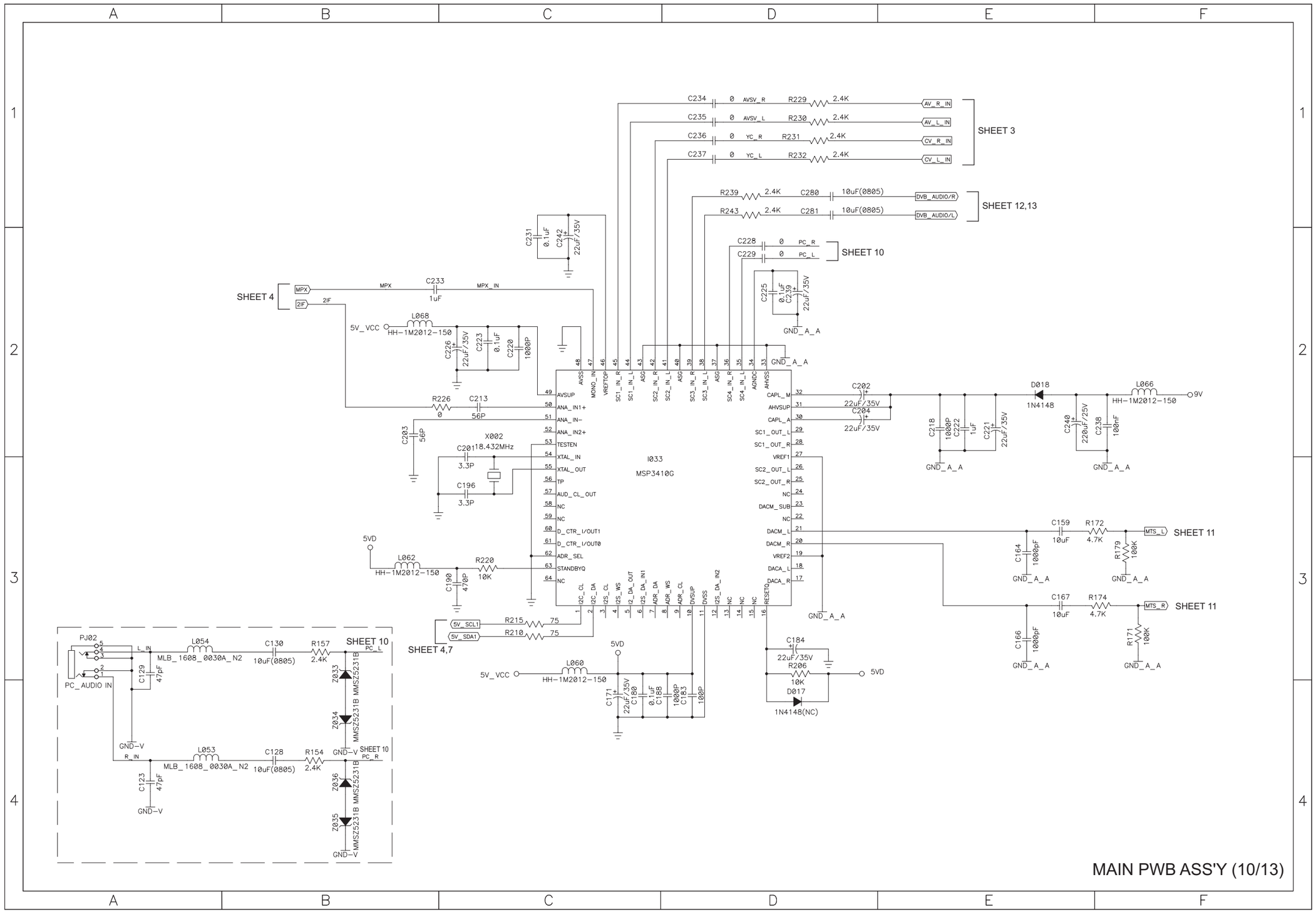


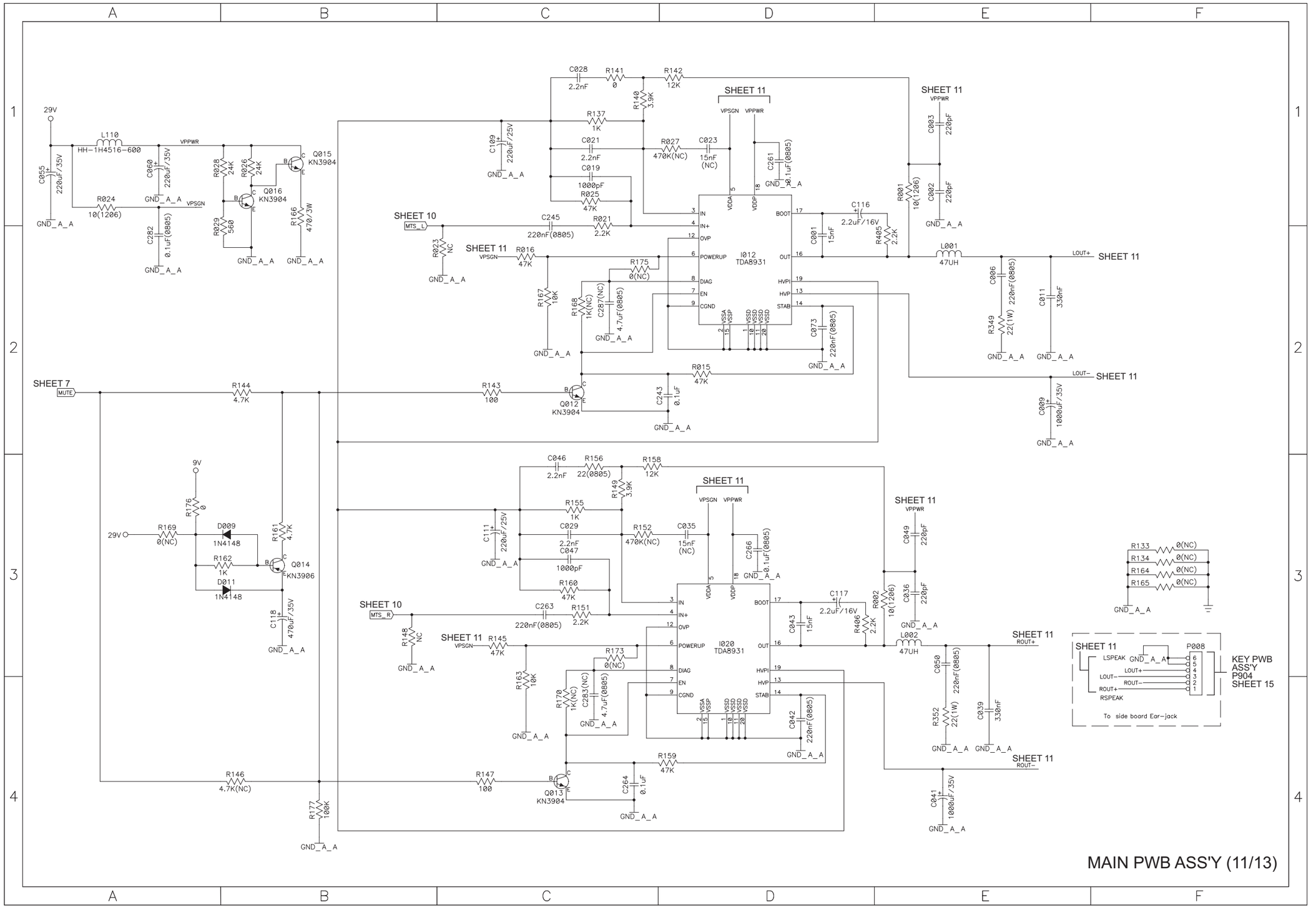
MAIN PWB ASS'Y (9/13)

PWB_0983_02


C234 0 AVSV_R R229 2.4K AV_R_IN
C235 0 AVSV_L R230 2.4K AV_L_IN
C236 0 YC_R R231 2.4K CV_R_IN
C237 0 YC_L R232 2.4K CV_L_IN
SHEET 3
R239 2.4K C280 10uF(0805) DVB_AUDIO/R
R243 2.4K C281 10uF(0805) DVB_AUDIO/L
SHEET 12,13
C228 0 PC_R
C229 0 PC_L
SHEET 10
SHEET 4
MPX
2IF
C233 1uF
MPX_IN
L068 HH-1M2012-150
5V_VCC
C226 22uF/35V
C223 0.1uF
C220 1000P
C231 0.1uF
C242 22uF/35V
C225 0.1uF
C239 22uF/35V
GND_A_A
R226 0
C213 56P
C203 56P
X002
C201 18.432MHz 3.3P
C196 3.3P
I033
MSP3410G
AVSUP
ANA_IN1+
ANA_IN-
ANA_IN2+
TESTEN
XTAL_IN
XTAL_OUT
TP
AUD_CL_OUT
NC
D_CTR_I/OUT1
D_CTR_I/OUT0
ADR_SEL
STANDBYQ
AVSS
MONO_IN
VREFTOP
SC1_IN_R
SC1_IN_L
ASG
SC2_IN_R
SC2_IN_L
SC3_IN_R
SC3_IN_L
SC4_IN_R
SC4_IN_L
AGNDC
AHVSS
CAPL_M
AHVSUP
CAPL_A
SC1_OUT_L
SC1_OUT_R
VREF1
SC2_OUT_L
SC2_OUT_R
DACM_SUB
DACM_L
DACM_R
VREF2
DACA_L
DACA_R
RESETQ
I2C_CL
I2C_DA
I2S_CL
I2S_WS
I2S_DA_OUT
I2S_DA_IN1
ADR_DA
ADR_WS
ADR_CL
DVSUP
DVSS
I2S_DA_IN2
C202 22uF/35V
C204 22uF/35V
D018 1N4148
L066 HH-1M2012-150
9V
C218 1000P
C222 1uF
C221 22uF/35V
C240 220uF/25V
C238 100nF
5VD
L062 HH-1M2012-150
R220 10K
C190 470P
R215 75
R210 75
5V_SCL1
5V_SDA1
SHEET 4,7
C159 10uF
R172 4.7K
MTS_L
SHEET 11
C164 1000pF
R179 100K
C167 10uF
R174 4.7K
MTS_R
SHEET 11
C166 1000pF
R171 100K
C184 22uF/35V
R206 10K
D017 1N4148(NC)
L060 HH-1M2012-150
C171 22uF/35V
C180 0.1uF
C188 1000P
C183 100P
PJ02
L_IN
PC_AUDIO IN
L054 MLB_1608_0030A_N2
C130 10uF(0805)
R157 2.4K
SHEET 10 PC_L
C129 47pF
Z033 MMSZ5231B
Z034 MMSZ5231B
GND-V
R_IN
L053 MLB_1608_0030A_N2
C128 10uF(0805)
R154 2.4K
SHEET 10 PC_R
C123 47pF
Z036 MMSZ5231B
Z035 MMSZ5231B
MAIN PWB ASS'Y (10/13)

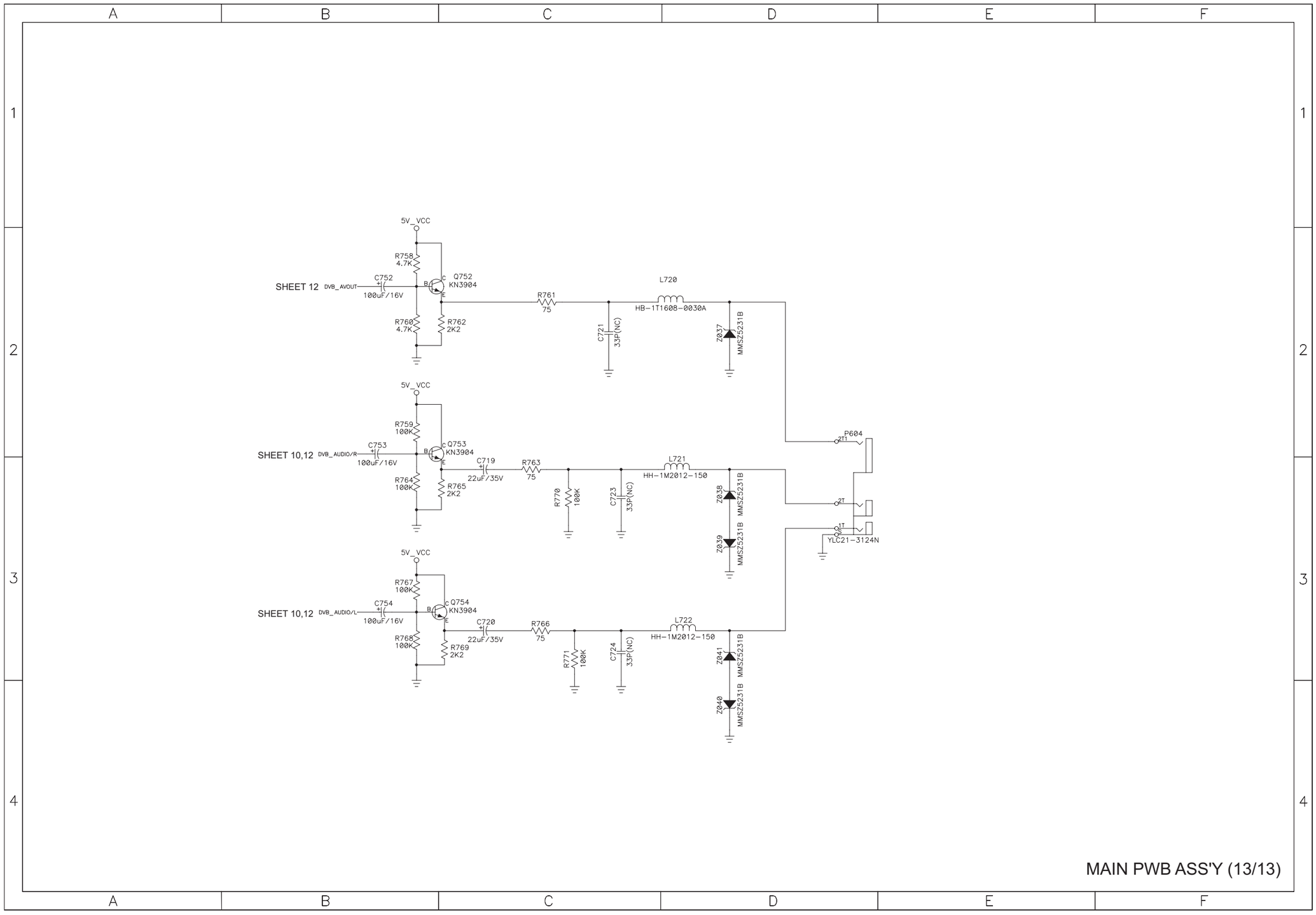
PWB_0983_02

MAIN PWB CIRCUIT DIAGRAM (11/13) SHEET 11

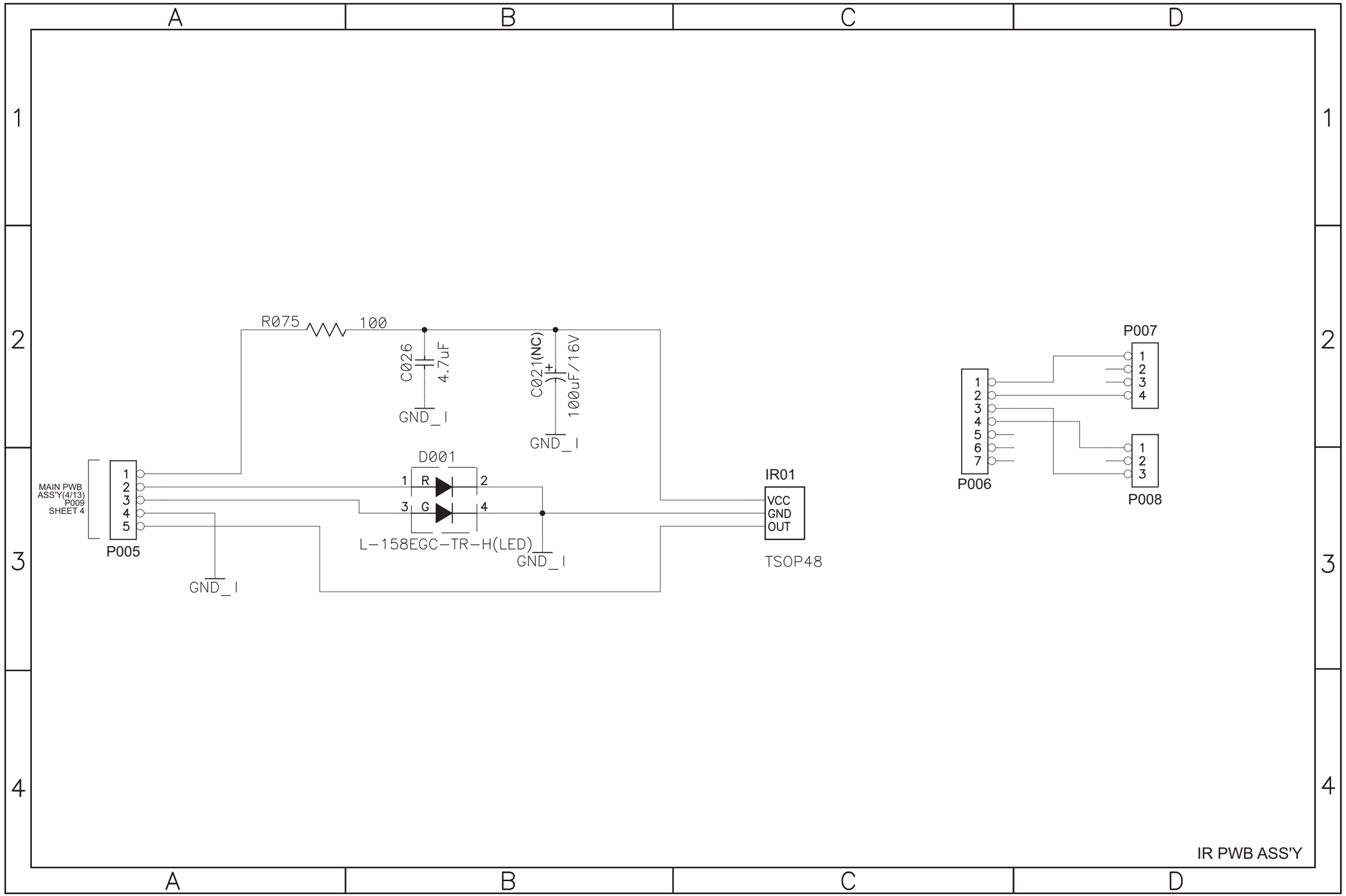


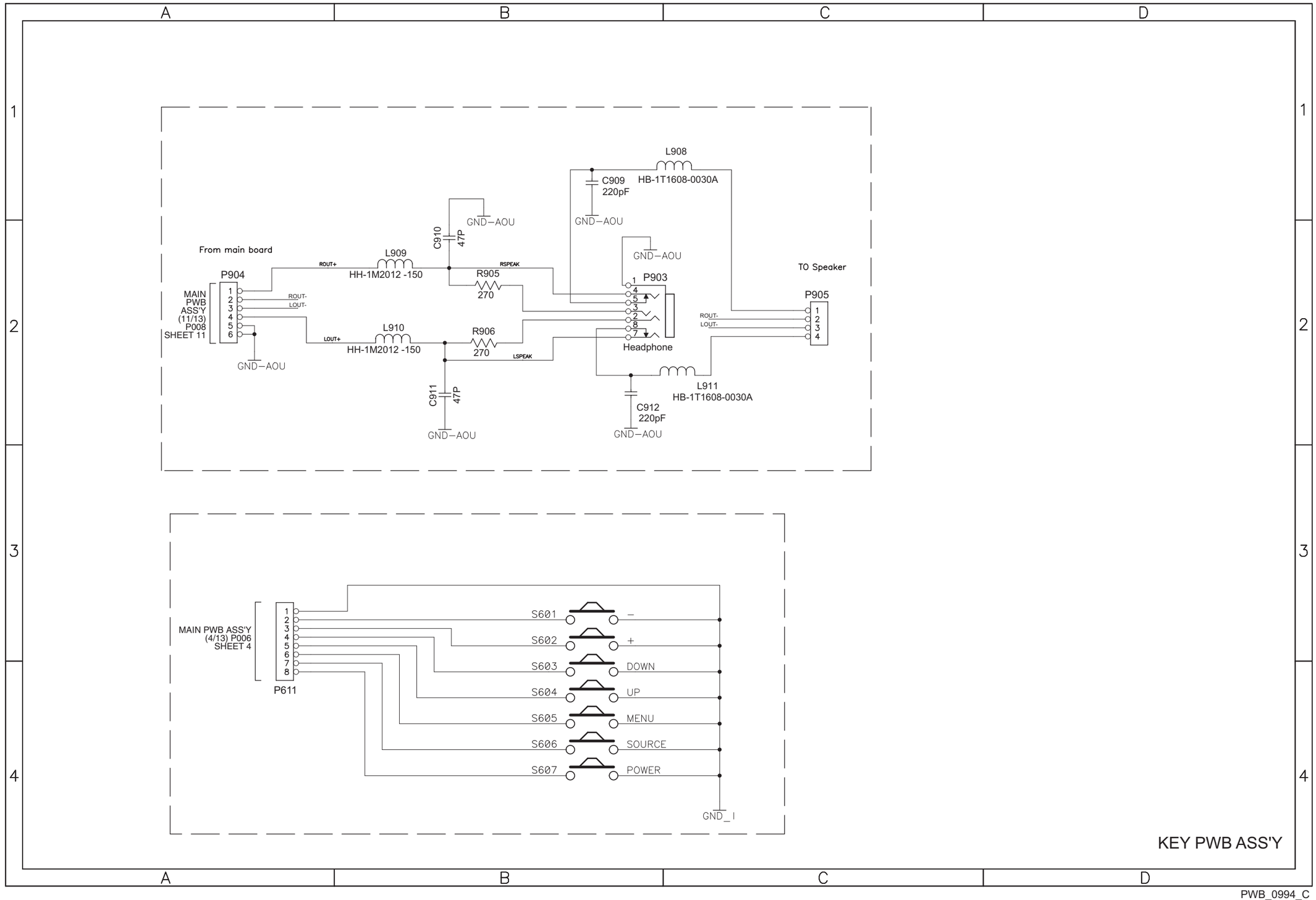
MAIN PWB ASS'Y (12/13)

PWB_0983_02


A
B
C
D
E
F
1
2
3
4
5V_VCC
R758
4.7K
C752
100uF/16V
SHEET 12 DVB_AVOUT
Q752
KN3904
R760
4.7K
R762
2K2
R761
75
L720
HB-1T1608-0030A
C721
33P(NC)
Z037
MMSZ5231B
5V_VCC
R759
100K
C753
100uF/16V
SHEET 10,12 DVB_AUDIO/R
Q753
KN3904
R764
100K
R765
2K2
C719
22uF/35V
R763
75
L721
HH-1M2012-150
R770
100K
C723
33P(NC)
Z038
MMSZ5231B
Z039
MMSZ5231B
P604
2T1
2T
1T
1
YLC21-3124N
5V_VCC
R767
100K
C754
100uF/16V
SHEET 10,12 DVB_AUDIO/L
Q754
KN3904
R768
100K
R769
2K2
C720
22uF/35V
R766
75
L722
HH-1M2012-150
R771
100K
C724
33P(NC)
Z041
MMSZ5231B
Z040
MMSZ5231B
MAIN PWB ASS'Y (13/13)

PWB_0983_02

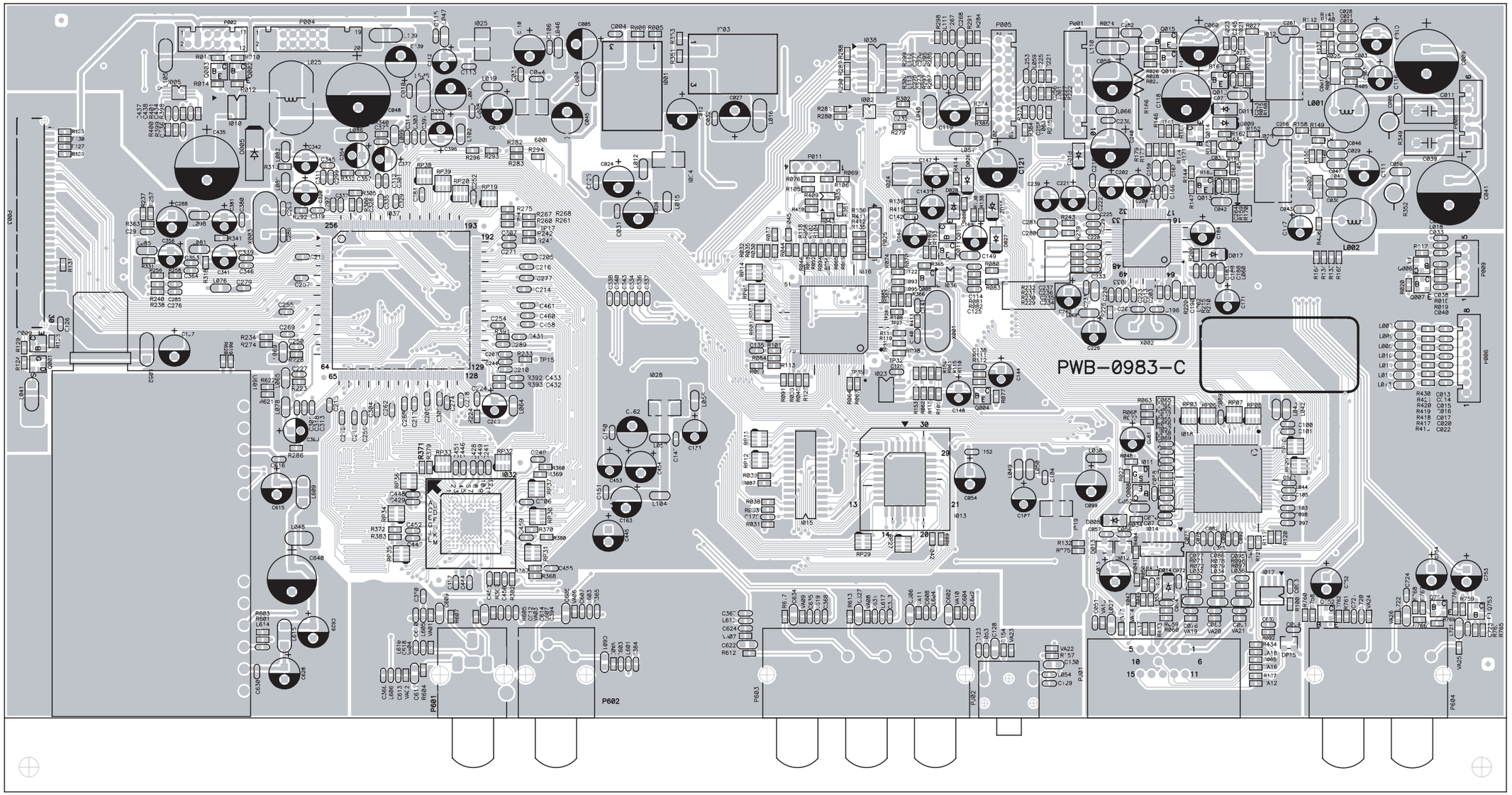

A
B
C
D
1
2
3
4
R075
100
C026
4.7uF
GND_I
C021(NC)
100uF/16V
GND_I
D001
1
R
2
3
G
4
L-158EGC-TR-H(LED)
GND_I
MAIN PWB
ASS'Y(4/13)
P009
SHEET 4
1
2
3
4
5
P005
GND_I
IR01
VCC
GND
OUT
TSOP48
P007
1
2
3
4
1
2
3
4
5
6
7
P006
1
2
3
P008
IR PWB ASS'Y
PWB_0984_01


A
B
C
D
1
2
3
4
From main board
P904
MAIN PWB ASS'Y (11/13) P008 SHEET 11
ROUT+
LOUT+
ROUT-
LOUT-
L909
HH-1M2012 -150
L910
HH-1M2012 -150
C910
47P
C911
47P
R905
270
R906
270
RSPEAK
LSPEAK
GND—AOU
L908
HB-1T1608-0030A
C909
220pF
C912
220pF
L911
HB-1T1608-0030A
P903
Headphone
TO Speaker
P905
MAIN PWB ASS'Y (4/13) P006 SHEET 4
P611
S601
S602
S603
S604
S605
S606
S607
–
+
DOWN
UP
MENU
SOURCE
POWER
GND_I
KEY PWB ASS'Y
PWB_0994_C

PATTERN DIAGRAMS

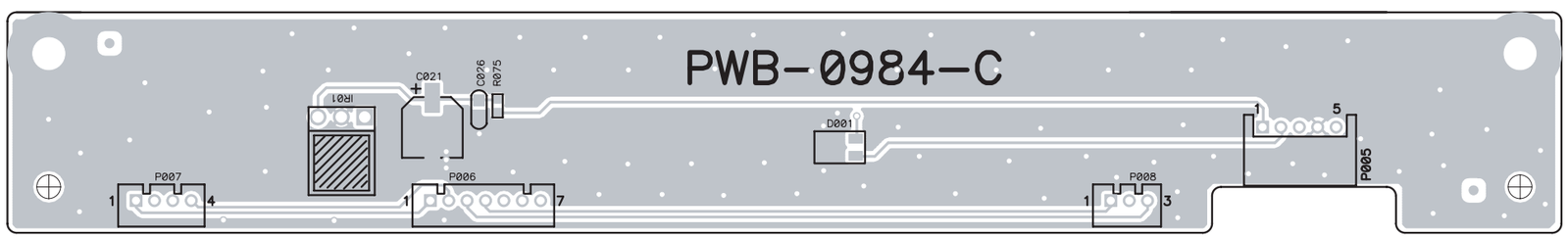
MAIN PWB PATTERN

TOP

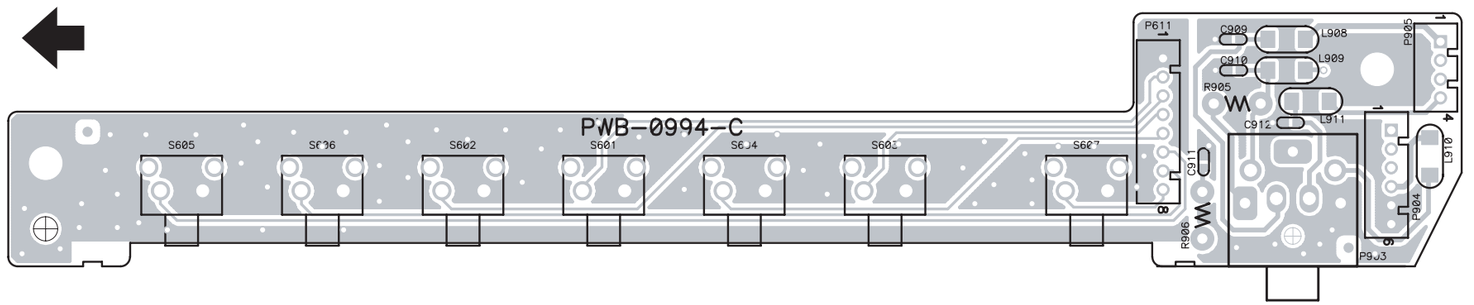


IR PWB & KEY PWB PATTERN

TOP



TOP



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(No.YA382)

Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS	
CR	Carbon Resistor
FR	Fusible Resistor
PR	Plate Resistor
VR	Variable Resistor
HV R	High Voltage Resistor
MF R	Metal Film Resistor
MG R	Metal Glazed Resistor
MP R	Metal Plate Resistor
OM R	Metal Oxide Film Resistor
CMF R	Coating Metal Film Resistor
UNF R	Non-Flammable Resistor
CH V R	Chip Variable Resistor
CH MG R	Chip Metal Glazed Resistor
COMP. R	Composition Resistor
LPTC R	Linear Positive Temperature Coefficient Resistor

CAPACITORS	
C CAP.	Ceramic Capacitor
E CAP.	Electrolytic Capacitor
M CAP.	Mylar Capacitor
CH CAP.	Chip Capacitor
HV CAP.	High Voltage Capacitor
MF CAP.	Metalized Film Capacitor
MM CAP.	Metalized Mylar Capacitor
MP CAP.	Metalized Polystyrol Capacitor
PP CAP.	Polypropylene Capacitor
PS CAP.	Polystyrol Capacitor
TF CAP.	Thin Film Capacitor
MPP CAP.	Metalized Polypropylene Capacitor
TAN. CAP.	Tantalum Capacitor
CH C CAP.	Chip Ceramic Capacitor
BP E CAP.	Bi-Polar Electrolytic Capacitor
CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

[LT-32SH6/A]

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[LT-37SH6/A]

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EXPLODED VIEW -1 3-14
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IR P.W. BOARD ASS'Y (DA-5097661701) (PWB-0984-C) 3-21
PACKING 3-22
PACKING PARTS LIST 3-22

[LT-32SH6/A]

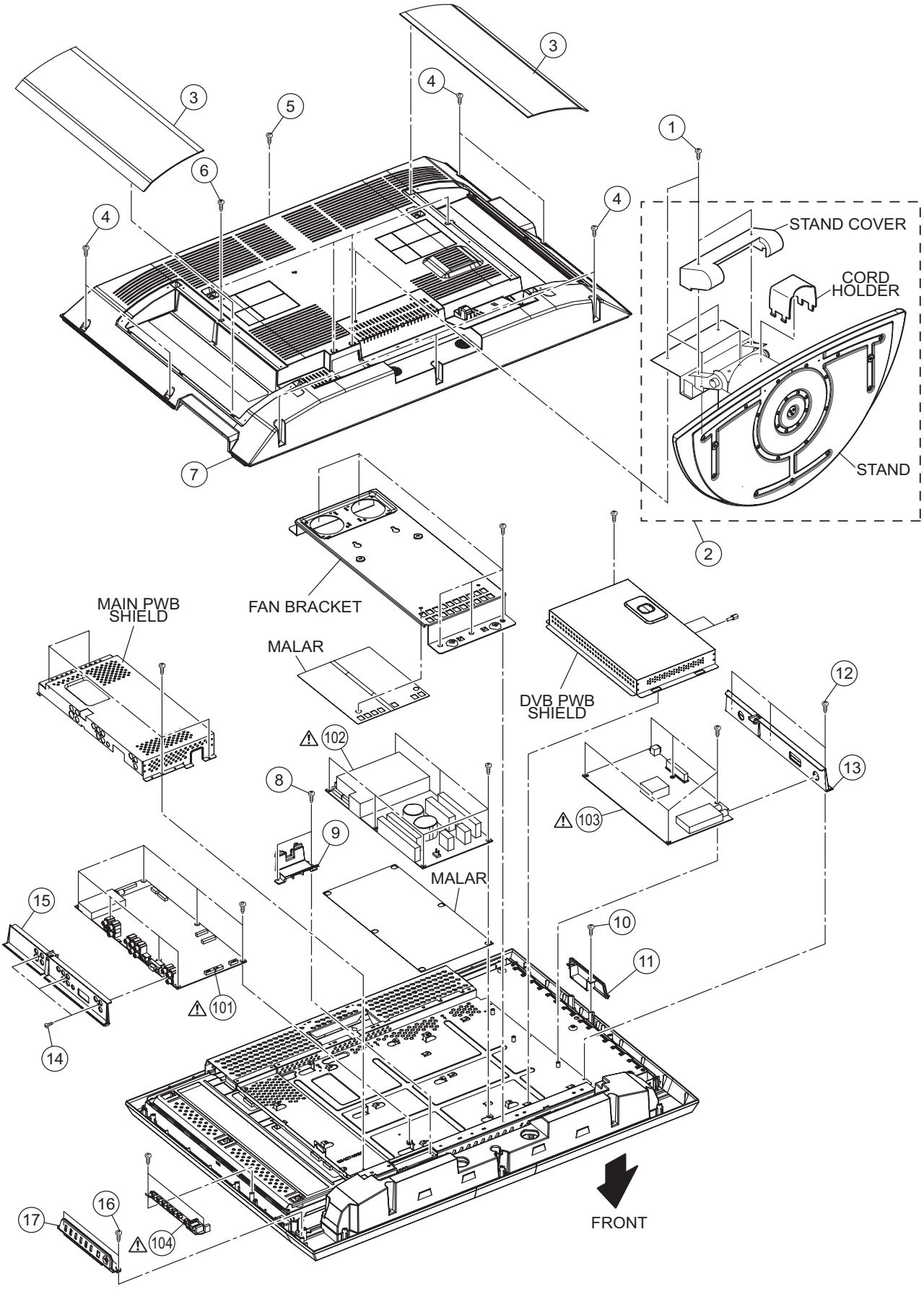
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	LT-32SH6/A
MAIN P.W.B	DA-5097661600 (PWB-0983-C)
KEY P.W.B	DA-5097663300 (PWB-0994-C)
IR P.W.B	DA-5097661700 (PWB-0984-C)
POWER P.W.B	DA-F693006632
DVB P.W.B	DA-E052110029
REMOTE CONTROL UNIT	DA-E052731125

EXPLODED VIEW PARTS LIST -1

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	DA-G190562514	SCREW	P 5X14+2W(x6)	
	2	LC42220-001A-C	STAND ASS'Y		
	3	LC12325-001B-0K	JACK COVER	(x2)	
	4	DA-G134251986	SCREW	PZP M4X14(x7)	
	5	DA-G000311016	SCREW	PPW M3X8	
	6	DA-G000305026	SCREW	BTBW M3X10(x4)	
	7	LC12324-005A-0K	REAR COVER		
	8	DA-G136160652	SCREW	PRWS M3X6(x2)	
	9	LC21348-001D-HK	POWER CORD HOLDER		
	10	DA-G000305022	SCREW	BTBW M3X10	
	11	LC33126-003A-HK	SD CARD BASE		
	12	DA-G000311016	SCREW	PPW M3X8(x3)	
	13	DA-E642326200	TUNER BASE		
	14	DA-G134161186	SCREW	PZP M3X8(x3)	
	15	DA-E642326100	TERMINAL BASE		
	16	DA-G134161182	SCREW	PZP M3X8(x2)	
	17	LC33196-009A-0K	CONTROL ASS'Y		
⚠	101	DA-5097661600	MAIN PWB	PWB-0983-C	
⚠	102	DA-F693006632	POWER PWB		
⚠	103	DA-E052110029	DVB PWB		
⚠	104	DA-5097663300	KEY PWB	PWB-0994-C	

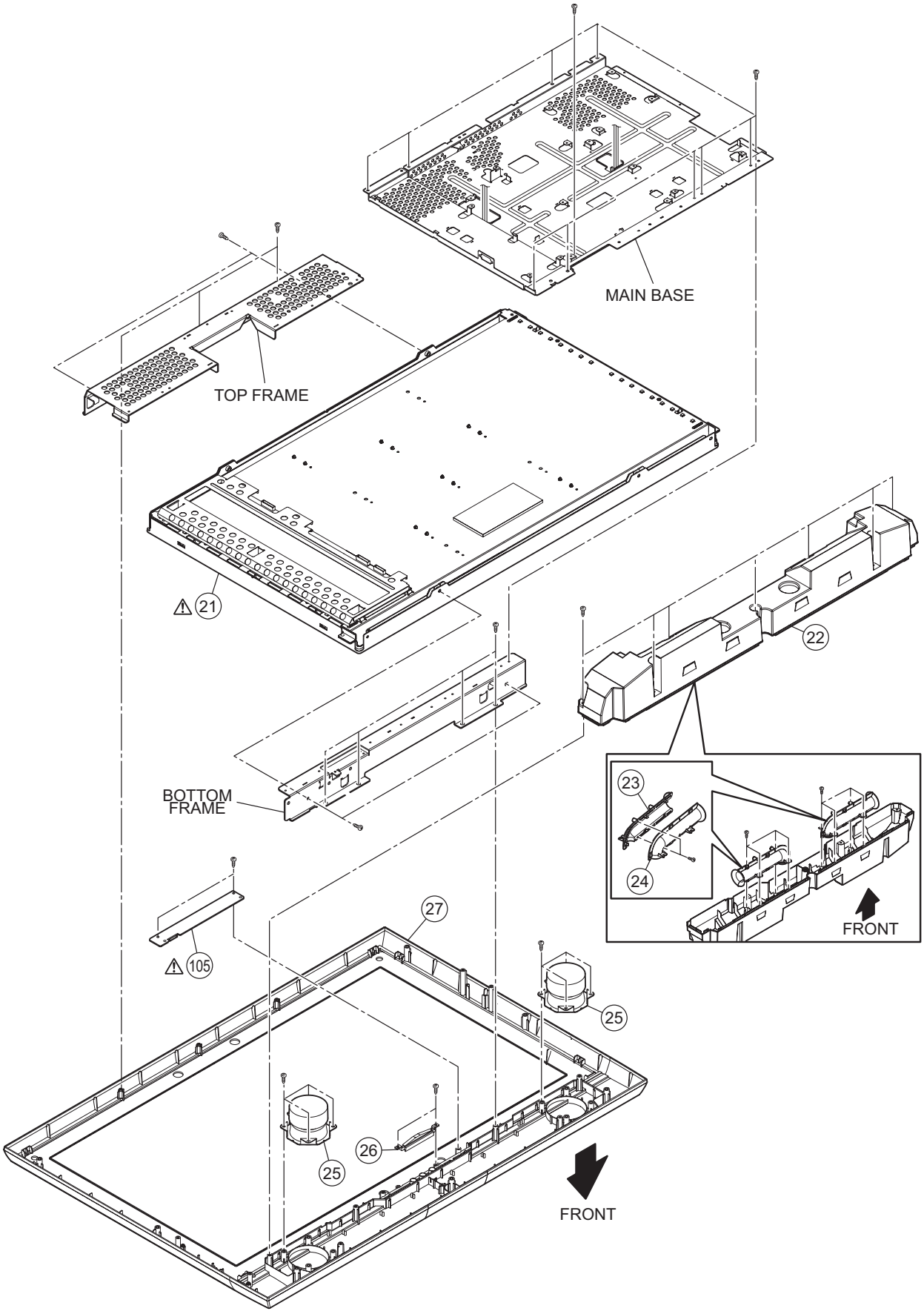
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	21	QLD0374-002	LCD PANEL UNIT		
	22	LC12253-001E-HK	SPEAKER BOX		
	23	LC21340-001C-HK	DUCT COVER	(x2)	
	24	LC21339-001B-HK	DUCT BASE	(x2)	
	25	QAS0142-001	SPEAKER	SP01,SP02 (x2)	
	26	LC33125-001B-HK	LED LENS		
	27	LC12321-007B-0K	FRONT PANEL ASS'Y		
⚠	105	DA-5097661700	IR PWB	PWB-0984-C	

EXPLODED VIEW -2



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y
(DA-5097661600) (PWB-0983-C)

⚠Ref No.	Part No.	Part Name	Description Local
I001	DA-F640031025	IC	AP1084K(ADJ)LA
I003	DA-F640031025	IC	AP1084K(ADJ)LA
I004	DA-F640031014	IC	LT1117S18
I009	DA-F640010150	IC	AP1117E33LA
I011	DA-F626020011	IC	2N7002
I012	DA-F645011952	IC	TDA8931
I013	DA-F647026154	IC	(SERVICE) W29C040
I015	DA-F647310702	IC	IS61C256AL-12JLI
I016	DA-F647073055	IC	BR24L02DA-F-W
I017	DA-F647005555	IC	BR24L02F-W
I018	DA-F649002150	IC	MST9883C
I019	DA-F640010150	IC	AP1117E33LA
I020	DA-F645011952	IC	TDA8931
I023	DA-F647026450	IC	CAT24WC64
I025	DA-F640010150	IC	AP1117E33LA
I028	DA-F640010159	IC	AP1117DA-E25LA
I032	DA-F647001641	IC	EM6A9320BI
I033	DA-F644077051	IC	MSP3410G
I035	DA-F626090068	IC	AO6800L
I036	DA-F626090068	IC	AO6800L
I037	DA-F647003352	IC	SVP-EX52
Q001	DA-F626002853	TRANSISTOR	AO3401L
Q002	DA-F622010011	TRANSISTOR	KN3904
Q003	DA-F622010011	TRANSISTOR	KN3904
Q005	DA-F622010011	TRANSISTOR	KN3904
Q006	DA-F623010011	TRANSISTOR	KN3906
Q007	DA-F623010011	TRANSISTOR	KN3906
Q008	DA-F623010011	TRANSISTOR	KN3906
Q010	DA-F623010011	TRANSISTOR	KN3906
Q012	DA-F622010011	TRANSISTOR	KN3904
Q013	DA-F622010011	TRANSISTOR	KN3904
Q014	DA-F623010011	TRANSISTOR	KN3906
Q015	DA-F622010011	TRANSISTOR	KN3904
Q016	DA-F622010011	TRANSISTOR	KN3904
Q752	DA-F622010011	TRANSISTOR	KN3904
Q753	DA-F622010011	TRANSISTOR	KN3904
Q754	DA-F622010011	TRANSISTOR	KN3904
D008	DA-F613020019	DIODE	100V 5A
D009	DA-F613020019	DIODE	100V 5A
D011	DA-F613020019	DIODE	100V 5A
D012	DA-F611020021	DIODE	30V 0.2A
D013	DA-F611020021	DIODE	30V 0.2A
D014	DA-F613020019	DIODE	100V 5A
D015	DA-F611020011	DIODE	30V 0.2A
D018	DA-F613020019	DIODE	100V 5A
D027	DA-F613020019	DIODE	100V 5A
Z001	DA-F615002361	Z DIODE	4.85V
Z002	DA-F615002361	Z DIODE	4.85V
Z003	DA-F615002361	Z DIODE	4.85V
Z004	DA-F615002361	Z DIODE	4.85V
Z005	DA-F615002361	Z DIODE	4.85V
Z006	DA-F615002361	Z DIODE	4.85V
Z007	DA-F615002361	Z DIODE	4.85V
Z008	DA-F615002361	Z DIODE	4.85V
Z009	DA-F615002361	Z DIODE	4.85V
Z010	DA-F615002361	Z DIODE	4.85V
Z011	DA-F615002361	Z DIODE	4.85V
Z012	DA-F615002361	Z DIODE	4.85V
Z013	DA-F615002361	Z DIODE	4.85V
Z014	DA-F615002361	Z DIODE	4.85V
Z015	DA-F615002361	Z DIODE	4.85V
Z016	DA-F615002361	Z DIODE	4.85V
Z017	DA-F615002361	Z DIODE	4.85V
Z018	DA-F615002361	Z DIODE	4.85V
Z019	DA-F615002361	Z DIODE	4.85V
Z020	DA-F615002361	Z DIODE	4.85V
Z021	DA-F615002361	Z DIODE	4.85V
Z022	DA-F615002361	Z DIODE	4.85V
Z023	DA-F615002361	Z DIODE	4.85V
Z024	DA-F615002361	Z DIODE	4.85V
Z025	DA-F615002361	Z DIODE	4.85V
Z026	DA-F615002361	Z DIODE	4.85V
Z027	DA-F615002361	Z DIODE	4.85V
Z028	DA-F615002361	Z DIODE	4.85V
Z029	DA-F615002361	Z DIODE	4.85V
Z030	DA-F615002361	Z DIODE	4.85V
Z031	DA-F615002361	Z DIODE	4.85V
Z032	DA-F615002361	Z DIODE	4.85V
Z033	DA-F615002361	Z DIODE	4.85V
Z034	DA-F615002361	Z DIODE	4.85V
Z035	DA-F615002361	Z DIODE	4.85V
Z036	DA-F615002361	Z DIODE	4.85V
Z037	DA-F615002361	Z DIODE	4.85V
Z038	DA-F615002361	Z DIODE	4.85V
Z039	DA-F615002361	Z DIODE	4.85V
Z040	DA-F615002361	Z DIODE	4.85V
Z041	DA-F615002361	Z DIODE	4.85V
ZD15	DA-F615010091	Z DIODE	BZT52C3V6 SOD123
C001	DA-E230615391	CAPACITOR	50V 0.015uF K
C002	DA-E240622191	CAPACITOR	50V 220pF J
C003	DA-E240622191	CAPACITOR	50V 220pF J
C004	DA-E230003391	CAPACITOR	25V 0.1uF Z
C005	DA-E216032002	CAPACITOR	16V 100uF M
C006	DA-E280822491	CAPACITOR	50V 0.22uF Z
C007	DA-E216032002	CAPACITOR	16V 100uF M
C008	DA-E230003391	CAPACITOR	25V 0.1uF Z
C009	DA-E216032202	CAPACITOR	25V 1000uF M
C010	DA-E230003391	CAPACITOR	25V 0.1uF Z
C011	DA-E275133491	CAPACITOR	63V 0.33uF J
C012	DA-E216032002	CAPACITOR	16V 100uF M
C013	DA-E240610191	CAPACITOR	50V 100pF J
C014	DA-E240610191	CAPACITOR	50V 100pF J
C015	DA-E240610191	CAPACITOR	50V 100pF J
C016	DA-E240610191	CAPACITOR	50V 100pF J
C017	DA-E240610191	CAPACITOR	50V 100pF J
C019	DA-E230610291	CAPACITOR	50V 1000pF K
C020	DA-E240610191	CAPACITOR	50V 100pF J
C021	DA-E230622291	CAPACITOR	50V 2200pF
C022	DA-E240610191	CAPACITOR	50V 100pF J
C024	DA-E216032002	CAPACITOR	16V 100uF M
C025	DA-E230003391	CAPACITOR	25V 0.1uF Z
C026	DA-E216032002	CAPACITOR	16V 100uF M
C027	DA-E216032002	CAPACITOR	16V 100uF M
C028	DA-E230622291	CAPACITOR	50V 2200pF
C029	DA-E230622291	CAPACITOR	50V 2200pF
C030	DA-E240610191	CAPACITOR	50V 100pF J
C031	DA-E230003391	CAPACITOR	25V 0.1uF Z
C032	DA-E230003391	CAPACITOR	25V 0.1uF Z
C034	DA-E230003391	CAPACITOR	25V 0.1uF Z
C036	DA-E240622191	CAPACITOR	50V 220pF J
C037	DA-E216032002	CAPACITOR	16V 100uF M
C039	DA-E275133491	CAPACITOR	63V 0.33uF J
C041	DA-E216032202	CAPACITOR	25V 1000uF M
C042	DA-E280822491	CAPACITOR	50V 0.22uF Z
C043	DA-E230615391	CAPACITOR	50V 0.015uF K
C044	DA-E230003391	CAPACITOR	25V 0.1uF Z
C045	DA-E216032002	CAPACITOR	16V 100uF M
C046	DA-E230622291	CAPACITOR	50V 2200pF
C047	DA-E230610291	CAPACITOR	50V 1000pF K
C049	DA-E240622191	CAPACITOR	50V 220pF J
C050	DA-E280822491	CAPACITOR	50V 0.22uF Z
C052	DA-E230002791	CAPACITOR	16V 0.47uF Z
C053	DA-E216032002	CAPACITOR	16V 100uF M
C054	DA-E216032002	CAPACITOR	16V 100uF M
C055	DA-E216032102	CAPACITOR	25V 220uF M
C056	DA-E230647391	CAPACITOR	50V 0.047uF K
C057	DA-E230647391	CAPACITOR	50V 0.047uF K
C058	DA-E230682391	CAPACITOR	50V 0.082uF K
C059	DA-E240610191	CAPACITOR	50V 100pF J
C060	DA-E216032102	CAPACITOR	25V 220uF M
C061	DA-E216031902	CAPACITOR	35V 22uF M
C062	DA-E230003391	CAPACITOR	25V 0.1uF Z
C064	DA-E240647091	CAPACITOR	50V 47pF J
C065	DA-E230003391	CAPACITOR	25V 0.1uF Z
C066	DA-E230610291	CAPACITOR	50V 1000pF K
C067	DA-E230610291	CAPACITOR	50V 1000pF K
C068	DA-E230682291	CAPACITOR	50V 8200pF K
C069	DA-E230003391	CAPACITOR	25V 0.1uF Z
C070	DA-E230003391	CAPACITOR	25V 0.1uF Z
C071	DA-E230003391	CAPACITOR	25V 0.1uF Z
C072	DA-E230003391	CAPACITOR	25V 0.1uF Z
C073	DA-E280822491	CAPACITOR	50V 0.22uF Z
C075	DA-E230003391	CAPACITOR	25V 0.1uF Z
C077	DA-E230647391	CAPACITOR	50V 0.047uF K
C078	DA-E230003391	CAPACITOR	25V 0.1uF Z
C082	DA-E230610291	CAPACITOR	50V 1000pF K
C085	DA-E230647391	CAPACITOR	50V 0.047uF K
C086	DA-E230610291	CAPACITOR	50V 1000pF K
C089	DA-E230003391	CAPACITOR	25V 0.1uF Z
C090	DA-E230003391	CAPACITOR	25V 0.1uF Z

⚠Ref No.	Part No.	Part Name	Description Local
C092	DA-E230003391	CAPACITOR	25V 0.1uF Z
C094	DA-E230003391	CAPACITOR	25V 0.1uF Z
C095	DA-E230647391	CAPACITOR	50V 0.047uF K
C097	DA-E230003391	CAPACITOR	25V 0.1uF Z
C098	DA-E230610291	CAPACITOR	50V 1000pF K
C099	DA-E216032002	CAPACITOR	16V 100uF M
C100	DA-E230610291	CAPACITOR	50V 1000pF K
C101	DA-E230003391	CAPACITOR	25V 0.1uF Z
C102	DA-E230003391	CAPACITOR	25V 0.1uF Z
C103	DA-E230003391	CAPACITOR	25V 0.1uF Z
C104	DA-E230003391	CAPACITOR	25V 0.1uF Z
C105	DA-E240615091	CAPACITOR	50V 15pF J
C106	DA-E230003391	CAPACITOR	25V 0.1uF Z
C107	DA-E216031902	CAPACITOR	35V 22uF M
C109	DA-E216032102	CAPACITOR	25V 220uF M
C110	DA-E216032002	CAPACITOR	16V 100uF M
C111	DA-E216032102	CAPACITOR	25V 220uF M
C112	DA-E216031902	CAPACITOR	35V 22uF M
C113	DA-E230003391	CAPACITOR	25V 0.1uF Z
C114	DA-E240610091	CAPACITOR	50V 10pF J
C115	DA-E230003391	CAPACITOR	25V 0.1uF Z
C116	DA-E214028502	CAPACITOR	50V 2.2uF M
C117	DA-E214028502	CAPACITOR	50V 2.2uF M
C118	DA-E216029002	CAPACITOR	35V 470uF M
C119	DA-E216032002	CAPACITOR	16V 100uF M
C120	DA-E230003391	CAPACITOR	25V 0.1uF Z
C121	DA-E216032102	CAPACITOR	25V 220uF M
C123	DA-E240647091	CAPACITOR	50V 47pF J
C125	DA-E240610091	CAPACITOR	50V 10pF J
C126	DA-E230003391	CAPACITOR	25V 0.1uF Z
C127	DA-E216032002	CAPACITOR	16V 100uF M
C128	DA-E230016791	CAPACITOR	10V 10uF Z
C129	DA-E240647091	CAPACITOR	50V 47pF J
C130	DA-E230016791	CAPACITOR	10V 10uF Z
C133	DA-E216031902	CAPACITOR	35V 22uF M
C140	DA-E240615091	CAPACITOR	50V 15pF J
C141	DA-E240615091	CAPACITOR	50V 15pF J
C142	DA-E230610291	CAPACITOR	50V 1000pF K
C145	DA-E230003391	CAPACITOR	25V 0.1uF Z
C149	DA-E230021691	CAPACITOR	16V 4.7uF Z
C150	DA-E230003391	CAPACITOR	25V 0.1uF Z
C151	DA-E230003391	CAPACITOR	25V 0.1uF Z
C152	DA-E230003391	CAPACITOR	25V 0.1uF Z
C159	DA-E230016791	CAPACITOR	10V 10uF Z
C162	DA-E216032002	CAPACITOR	16V 100uF M
C163	DA-E216032002	CAPACITOR	16V 100uF M
C164	DA-E230610291	CAPACITOR	50V 1000pF K
C166	DA-E230610291	CAPACITOR	50V 1000pF K
C167	DA-E230016791	CAPACITOR	10V 10uF Z
C171	DA-E216031902	CAPACITOR	35V 22uF M
C175	DA-E230003391	CAPACITOR	25V 0.1uF Z
C180	DA-E230003391	CAPACITOR	25V 0.1uF Z
C183	DA-E240610191	CAPACITOR	50V 100pF J
C184	DA-E216031902	CAPACITOR	35V 22uF M
C188	DA-E230610291	CAPACITOR	50V 1000pF K
C190	DA-E240647191	CAPACITOR	50V 470pF J
C196	DA-E240633991	CAPACITOR	50V 3.3pF C
C200	DA-E216031902	CAPACITOR	35V 22uF M
C201	DA-E240633991	CAPACITOR	50V 3.3pF C
C202	DA-E216031902	CAPACITOR	35V 22uF M
C203	DA-E240656091	CAPACITOR	50V 56pF J
C204	DA-E216031902	CAPACITOR	35V 22uF M
C205	DA-E230003391	CAPACITOR	25V 0.1uF Z
C206	DA-E230003391	CAPACITOR	25V 0.1uF Z
C207	DA-E230003391	CAPACITOR	25V 0.1uF Z
C209	DA-E230003391	CAPACITOR	25V 0.1uF Z
C210	DA-E230003391	CAPACITOR	25V 0.1uF Z
C211	DA-E230003391	CAPACITOR	25V 0.1uF Z
C212	DA-E230003391	CAPACITOR	25V 0.1uF Z
C213	DA-E240656091	CAPACITOR	50V 56pF J
C214	DA-E230003391	CAPACITOR	25V 0.1uF Z
C215	DA-E230003391	CAPACITOR	25V 0.1uF Z
C216	DA-E230003391	CAPACITOR	25V 0.1uF Z
C217	DA-E230003391	CAPACITOR	25V 0.1uF Z
C218	DA-E230610291	CAPACITOR	50V 1000pF K
C219	DA-E230003391	CAPACITOR	25V 0.1uF Z
C220	DA-E230610291	CAPACITOR	50V 1000pF K
C221	DA-E216031902	CAPACITOR	35V 22uF M
C222	DA-E250810591	CAPACITOR	25V 1uF Z
C223	DA-E230003391	CAPACITOR	25V 0.1uF Z
C224	DA-E230003391	CAPACITOR	25V 0.1uF Z
C225	DA-E230003391	CAPACITOR	25V 0.1uF Z
C226	DA-E216031902	CAPACITOR	35V 22uF M
C227	DA-E230003391	CAPACITOR	25V 0.1uF Z
C228	DA-E134600009	RESISTOR	1/10W 0Ω J
C229	DA-E134600009	RESISTOR	1/10W 0Ω J
C231	DA-E230003391	CAPACITOR	25V 0.1uF Z
C233	DA-E250810591	CAPACITOR	25V 1uF Z
C234	DA-E134600009	RESISTOR	1/10W 0Ω J
C235	DA-E134600009	RESISTOR	1/10W 0Ω J
C236	DA-E134600009	RESISTOR	1/10W 0Ω J
C237	DA-E134600009	RESISTOR	1/10W 0Ω J
C238	DA-E230003391	CAPACITOR	25V 0.1uF Z
C239	DA-E216031902	CAPACITOR	35V 22uF M
C240	DA-E216032102	CAPACITOR	25V 220uF M
C241	DA-E230003391	CAPACITOR	25V 0.1uF Z
C242	DA-E216031902	CAPACITOR	35V 22uF M
C243	DA-E230003391	CAPACITOR	25V 0.1uF Z
C244	DA-E230003391	CAPACITOR	25V 0.1uF Z
C245	DA-E280822491	CAPACITOR	50V 0.22uF Z
C249	DA-E230003391	CAPACITOR	25V 0.1uF Z
C250	DA-E230003391	CAPACITOR	25V 0.1uF Z
C252	DA-E230003391	CAPACITOR	25V 0.1uF Z
C254	DA-E230003391	CAPACITOR	25V 0.1uF Z
C255	DA-E230003391	CAPACITOR	25V 0.1uF Z
C257	DA-E230003391	CAPACITOR	25V 0.1uF Z
C259	DA-E230003391	CAPACITOR	25V 0.1uF Z
C261	DA-E230810491	CAPACITOR	50V 0.1uF K
C262	DA-E230003391	CAPACITOR	25V 0.1uF Z
C263	DA-E280822491	CAPACITOR	50V 0.22uF Z
C264	DA-E230003391	CAPACITOR	25V 0.1uF Z
C265	DA-E230003391	CAPACITOR	25V 0.1uF Z
C266	DA-E230810491	CAPACITOR	50V 0.1uF K
C269	DA-E230003391	CAPACITOR	25V 0.1uF Z
C271	DA-E230003391	CAPACITOR	25V 0.1uF Z
C274	DA-E230003391	CAPACITOR	25V 0.1uF Z
C276	DA-E240668091	CAPACITOR	50V 68pF J
C277	DA-E230003391	CAPACITOR	25V 0.1uF Z
C278	DA-E230003391	CAPACITOR	25V 0.1uF Z
C279	DA-E230003391	CAPACITOR	25V 0.1uF Z
C280	DA-E230016791	CAPACITOR	10V 10uF Z
C281	DA-E230016791	CAPACITOR	10V 10uF Z
C282	DA-E230810491	CAPACITOR	50V 0.1uF K
C284	DA-E230003391	CAPACITOR	25V 0.1uF Z
C285	DA-E240668091	CAPACITOR	50V 68pF J
C286	DA-E240633091	CAPACITOR	50V 33pF
C288	DA-E216032002	CAPACITOR	16V 100uF M
C289	DA-E230003391	CAPACITOR	25V 0.1uF Z
C294	DA-E230610391	CAPACITOR	50V 0.01uF K
C296	DA-E240633091	CAPACITOR	50V 33pF
C297	DA-E230003391	CAPACITOR	25V 0.1uF Z
C299	DA-E230003391	CAPACITOR	25V 0.1uF Z
C301	DA-E230003391	CAPACITOR	25V 0.1uF Z
C303	DA-E230003391	CAPACITOR	25V 0.1uF Z
C304	DA-E230003391	CAPACITOR	25V 0.1uF Z
C305	DA-E230003391	CAPACITOR	25V 0.1uF Z
C307	DA-E230003391	CAPACITOR	25V 0.1uF Z
C308	DA-E216031902	CAPACITOR	35V 22uF M
C309	DA-E230003391	CAPACITOR	25V 0.1uF Z
C311	DA-E230003391	CAPACITOR	25V 0.1uF Z
C312	DA-E230003391	CAPACITOR	25V 0.1uF Z
C313	DA-E230003391	CAPACITOR	25V 0.1uF Z
C314	DA-E230003391	CAPACITOR	25V 0.1uF Z
C318	DA-E230003391	CAPACITOR	25V 0.1uF Z
C319	DA-E230003391	CAPACITOR	25V 0.1uF Z
C320	DA-E216031902	CAPACITOR	35V 22uF M
C328	DA-E230003391	CAPACITOR	25V 0.1uF Z
C329	DA-E230003391	CAPACITOR	25V 0.1uF Z
C332	DA-E230003391	CAPACITOR	25V 0.1uF Z
C334	DA-E230003391	CAPACITOR	25V 0.1uF Z
C335	DA-E230003391	CAPACITOR	25V 0.1uF Z
C336	DA-E230003391	CAPACITOR	25V 0.1uF Z
C337	DA-E230003391	CAPACITOR	25V 0.1uF Z
C338	DA-E230003391	CAPACITOR	25V 0.1uF Z
C339	DA-E230003391	CAPACITOR	25V 0.1uF Z
C340	DA-E230003391	CAPACITOR	25V 0.1uF Z
C341	DA-E216031902	CAPACITOR	35V 22uF M
C342	DA-E216031902	CAPACITOR	35V 22uF M
C343	DA-E230003391	CAPACITOR	25V 0.1uF Z
C345	DA-E230003391	CAPACITOR	25V 0.1uF Z
C346	DA-E230627291	CAPACITOR	50V 2700pF
C353	DA-E230003391	CAPACITOR	25V 0.1uF Z
C354	DA-E216031902	CAPACITOR	35V 22uF M
C356	DA-E216031902	CAPACITOR	35V 22uF M
C357	DA-E230003391	CAPACITOR	25V 0.1uF Z
C364	DA-E230627291	CAPACITOR	50V 2700pF
C377	DA-E216031902	CAPACITOR	35V 22uF M
C378	DA-E230003391	CAPACITOR	25V 0.1uF Z
C380	DA-E230003391	CAPACITOR	25V 0.1uF Z
C381	DA-E216031902	CAPACITOR	35V 22uF M
C396	DA-E216031902	CAPACITOR	35V 22uF M
C397	DA-E230003391	CAPACITOR	25V 0.1uF Z
C428	DA-E230003391	CAPACITOR	25V 0.1uF Z
C429	DA-E230003391	CAPACITOR	25V 0.1uF Z

⚠Ref No.	Part No.	Part Name	Description Local
C444	DA-E230003391	CAPACITOR	25V 0.1uF Z
C445	DA-E216032002	CAPACITOR	16V 100uF M
C446	DA-E230647291	CAPACITOR	50V 4700pF K
C447	DA-E230610391	CAPACITOR	50V 0.01uF K
C448	DA-E230610391	CAPACITOR	50V 0.01uF K
C449	DA-E230610391	CAPACITOR	50V 0.01uF K
C450	DA-E230003391	CAPACITOR	25V 0.1uF Z
C451	DA-E230610391	CAPACITOR	50V 0.01uF K
C452	DA-E230003391	CAPACITOR	25V 0.1uF Z
C453	DA-E216031902	CAPACITOR	35V 22uF M
C454	DA-E216032002	CAPACITOR	16V 100uF M
C455	DA-E230610391	CAPACITOR	50V 0.01uF K
C456	DA-E230003391	CAPACITOR	25V 0.1uF Z
C457	DA-E230003391	CAPACITOR	25V 0.1uF Z
C458	DA-E230647291	CAPACITOR	50V 4700pF K
C459	DA-E230610391	CAPACITOR	50V 0.01uF K
C460	DA-E230610391	CAPACITOR	50V 0.01uF K
C461	DA-E230003391	CAPACITOR	25V 0.1uF Z
C601	DA-E230016791	CAPACITOR	10V 10uF Z
C602	DA-E230016791	CAPACITOR	10V 10uF Z
C605	DA-E230016791	CAPACITOR	10V 10uF Z
C606	DA-E230016791	CAPACITOR	10V 10uF Z
C609	DA-E230016791	CAPACITOR	10V 10uF Z
C611	DA-E230016791	CAPACITOR	10V 10uF Z
C612	DA-E230016791	CAPACITOR	10V 10uF Z
C615	DA-E216032002	CAPACITOR	16V 100uF M
C616	DA-E230003391	CAPACITOR	25V 0.1uF Z
C622	DA-E230016791	CAPACITOR	10V 10uF Z
C627	DA-E230016791	CAPACITOR	10V 10uF Z
C628	DA-E216032002	CAPACITOR	16V 100uF M
C629	DA-E216032002	CAPACITOR	16V 100uF M
C630	DA-E230003391	CAPACITOR	25V 0.1uF Z
C634	DA-E230016791	CAPACITOR	10V 10uF Z
C640	DA-E216029002	CAPACITOR	35V 470uF M
C719	DA-E216031902	CAPACITOR	35V 22uF M
C720	DA-E216031902	CAPACITOR	35V 22uF M
C752	DA-E216032002	CAPACITOR	16V 100uF M
C753	DA-E216032002	CAPACITOR	16V 100uF M
C754	DA-E216032002	CAPACITOR	16V 100uF M
R001	DA-E138110099	RESISTOR	1/8W 10Ω F
R002	DA-E138110099	RESISTOR	1/8W 10Ω F
R005	DA-E134639109	RESISTOR	1/10W 390Ω J
R006	DA-E134624109	RESISTOR	1/10W 240Ω J
R010	DA-E134647109	RESISTOR	1/10W 470Ω J
R012	DA-E134610309	RESISTOR	1/10W 10kΩ J
R013	DA-E134610209	RESISTOR	1/10W 1kΩ J
R014	DA-E134610309	RESISTOR	1/10W 10kΩ J
R015	DA-E134247029	RESISTOR	1/10W 47kΩ F
R016	DA-E134247029	RESISTOR	1/10W 47kΩ F
R017	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R018	DA-E134615209	RESISTOR	1/10W 1.5kΩ J
R019	DA-E134610209	RESISTOR	1/10W 1kΩ J
R020	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R021	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R022	DA-E134633309	RESISTOR	1/10W 33kΩ J
R024	DA-E138110099	RESISTOR	1/8W 10Ω F
R025	DA-E134247029	RESISTOR	1/10W 47kΩ F
R026	DA-E134624309	RESISTOR	1/10W 24kΩ J
R028	DA-E134624309	RESISTOR	1/10W 24kΩ J
R029	DA-E134656109	RESISTOR	1/10W 560Ω J
R030	DA-E134633009	RESISTOR	1/10W 33Ω J
R031	DA-E134600009	RESISTOR	1/10W 0Ω J
R032	DA-E134633009	RESISTOR	1/10W 33Ω J
R034	DA-E134610509	RESISTOR	1/10W 1MΩ J
R035	DA-E134633009	RESISTOR	1/10W 33Ω J
R036	DA-E134639109	RESISTOR	1/10W 390Ω J
R038	DA-E134600009	RESISTOR	1/10W 0Ω J
R039	DA-E134600009	RESISTOR	1/10W 0Ω J
R041	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R042	DA-E134600009	RESISTOR	1/10W 0Ω J
R043	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R044	DA-E134600009	RESISTOR	1/10W 0Ω J
R045	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R046	DA-E134633009	RESISTOR	1/10W 33Ω J
R048	DA-E134610309	RESISTOR	1/10W 10kΩ J
R049	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R050	DA-E134647009	RESISTOR	1/10W 47Ω J
R051	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R052	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R054	DA-E134610209	RESISTOR	1/10W 1kΩ J
R055	DA-E134630109	RESISTOR	1/10W 300Ω J
R056	DA-E134630109	RESISTOR	1/10W 300Ω J
R057	DA-E134627209	RESISTOR	1/10W 2.7kΩ J
R058	DA-E134610209	RESISTOR	1/10W 1kΩ J
R059	DA-E134647009	RESISTOR	1/10W 47Ω J
R060	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R061	DA-E134210009	RESISTOR	1/10W 100Ω F
R062	DA-E134210009	RESISTOR	1/10W 100Ω F
R063	DA-E134600009	RESISTOR	1/10W 0Ω J
R064	DA-E134600009	RESISTOR	1/10W 0Ω J
R065	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R066	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R067	DA-E134600009	RESISTOR	1/10W 0Ω J
R068	DA-E134600009	RESISTOR	1/10W 0Ω J
R069	DA-E134610309	RESISTOR	1/10W 10kΩ J
R070	DA-E134610309	RESISTOR	1/10W 10kΩ J
R071	DA-E134210009	RESISTOR	1/10W 100Ω F
R072	DA-E134275099	RESISTOR	1/10W 75Ω F
R073	DA-E134600009	RESISTOR	1/10W 0Ω J
R074	DA-E134600009	RESISTOR	1/10W 0Ω J
R075	DA-E134600009	RESISTOR	1/10W 0Ω J
R076	DA-E134275099	RESISTOR	1/10W 75Ω F
R078	DA-E134210009	RESISTOR	1/10W 100Ω F
R079	DA-E134275099	RESISTOR	1/10W 75Ω F
R080	DA-E134610309	REGISTOR	1/10W 10kΩ J
R081	DA-E134622009	RESISTOR	1/10W 22Ω J
R082	DA-E134622009	RESISTOR	1/10W 22Ω J
R083	DA-E134610309	REGISTOR	1/10W 10kΩ J
R085	DA-E134600009	RESISTOR	1/10W 0Ω J
R087	DA-E134600009	RESISTOR	1/10W 0Ω J
R088	DA-E134275099	RESISTOR	1/10W 75Ω F
R089	DA-E134600009	RESISTOR	1/10W 0Ω J
R090	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R091	DA-E134610309	RESISTOR	1/10W 10kΩ J
R092	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R093	DA-E134610309	RESISTOR	1/10W 10kΩ J
R094	DA-E134610309	RESISTOR	1/10W 10kΩ J
R095	DA-E134610309	RESISTOR	1/10W 10kΩ J
R096	DA-E134210009	RESISTOR	1/10W 100Ω F
R097	DA-E134275099	RESISTOR	1/10W 75Ω F
R098	DA-E134610309	RESISTOR	1/10W 10kΩ J
R099	DA-E134610309	RESISTOR	1/10W 10kΩ J
R100	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R102	DA-E134210009	RESISTOR	1/10W 100Ω F
R104	DA-E134210009	RESISTOR	1/10W 100Ω F
R105	DA-E134610309	RESISTOR	1/10W 10kΩ J
R106	DA-E134275099	RESISTOR	1/10W 75Ω F
R107	DA-E134275099	RESISTOR	1/10W 75Ω F
R108	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R113	DA-E134600009	RESISTOR	1/10W 0Ω J
R114	DA-E134610309	RESISTOR	1/10W 10kΩ J
R115	DA-E134610309	RESISTOR	1/10W 10kΩ J
R116	DA-E134610309	RESISTOR	1/10W 10kΩ J
R118	DA-E134210009	RESISTOR	1/10W 100Ω F
R119	DA-E134610309	RESISTOR	1/10W 10kΩ J
R120	DA-E134275099	RESISTOR	1/10W 75Ω F
R121	DA-E134275099	RESISTOR	1/10W 75Ω F
R122	DA-E134610209	RESISTOR	1/10W 1kΩ J
R123	DA-E134610309	RESISTOR	1/10W 10kΩ J
R124	DA-E134610309	RESISTOR	1/10W 10kΩ J
R125	DA-E134600009	RESISTOR	1/10W 0Ω J
R126	DA-E134600009	RESISTOR	1/10W 0Ω J
R129	DA-E134600009	RESISTOR	1/10W 0Ω J
R131	DA-E134600009	RESISTOR	1/10W 0Ω J
R132	DA-E134600009	RESISTOR	1/10W 0Ω J
R135	DA-E134610309	RESISTOR	1/10W 10kΩ J
R136	DA-E134610309	RESISTOR	1/10W 10kΩ J
R137	DA-E134610209	RESISTOR	1/10W 1kΩ J
R138	DA-E134615309	RESISTOR	1/10W 15kΩ J
R140	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R141	DA-E134600009	RESISTOR	1/10W 0Ω J
R142	DA-E134612309	RESISTOR	1/10W 100Ω
R143	DA-E134210009	RESISTOR	1/10W 100Ω F
R144	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R145	DA-E134247029	RESISTOR	1/10W 47kΩ F
R147	DA-E134210009	RESISTOR	1/10W 100Ω F
R149	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R151	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R154	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R155	DA-E134610209	RESISTOR	1/10W 1kΩ J
R156	DA-E137222099	RESISTOR	1/8W 22Ω F
R157	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R158	DA-E134612309	RESISTOR	1/10W 100Ω
R159	DA-E134247029	RESISTOR	1/10W 47kΩ F
R160	DA-E134247029	RESISTOR	1/10W 47kΩ F
R161	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R162	DA-E134610209	RESISTOR	1/10W 1kΩ J
R163	DA-E134610309	RESISTOR	1/10W 10kΩ J
R166	DA-E130547103	RESISTOR	3W 470Ω J
R167	DA-E134610309	RESISTOR	1/10W 10kΩ J
R171	DA-E134610409	RESISTOR	1/10W 100kΩ J
R172	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R174	DA-E134647209	RESISTOR	1/10W 4.7kΩ J

⚠Ref No.	Part No.	Part Name	Description Local
R176	DA-E134600009	REGISTOR	1/10W 0Ω J
R177	DA-E134610409	REGISTOR	1/10W 100kΩ J
R179	DA-E134610409	RESISTOR	1/10W 100kΩ J
R189	DA-E134612209	RESISTOR	1/10W 1.2kΩ J
R190	DA-E134622109	RESISTOR	1/10W 220Ω J
R206	DA-E134610309	RESISTOR	1/10W 10kΩ J
R210	DA-E134275099	RESISTOR	1/10W 75Ω F
R215	DA-E134275099	RESISTOR	1/10W 75Ω F
R220	DA-E134610309	RESISTOR	1/10W 10kΩ J
R223	DA-E134600009	RESISTOR	1/10W 0Ω J
R224	DA-E134600009	RESISTOR	1/10W 0Ω J
R225	DA-E134615309	RESISTOR	1/10W 15kΩ J
R226	DA-E134600009	RESISTOR	1/10W 0Ω J
R227	DA-E134615309	RESISTOR	1/10W 15kΩ J
R228	DA-E134600009	RESISTOR	1/10W 0Ω J
R229	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R230	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R231	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R232	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R233	DA-E134600009	RESISTOR	1/10W 0Ω J
R234	DA-E134610309	RESISTOR	1/10W 10kΩ J
R237	DA-E134615009	RESISTOR	1/10W 15Ω J
R238	DA-E134668009	RESISTOR	1/10W 68Ω J
R239	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R240	DA-E134668009	RESISTOR	1/10W 68Ω J
R241	DA-E134610209	RESISTOR	1/10W 1kΩ J
R243	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R256	DA-E134622009	RESISTOR	1/10W 22Ω J
R257	DA-E134656209	RESISTOR	1/10W 5.6kΩ J
R258	DA-E134647109	RESISTOR	1/10W 470Ω J
R260	DA-E134210009	RESISTOR	1/10W 100Ω F
R261	DA-E134210009	RESISTOR	1/10W 100Ω F
R268	DA-E134600009	RESISTOR	1/10W 0Ω J
R275	DA-E134610309	RESISTOR	1/10W 10kΩ J
R280	DA-E134600009	RESISTOR	1/10W 0Ω J
R281	DA-E134600009	RESISTOR	1/10W 0Ω J
R282	DA-E134210009	RESISTOR	1/10W 100Ω F
R283	DA-E134210009	RESISTOR	1/10W 100Ω F
R284	DA-E134600009	RESISTOR	1/10W 0Ω J
R285	DA-E134600009	RESISTOR	1/10W 0Ω J
R286	DA-E134600009	RESISTOR	1/10W 0Ω J
R287	DA-E134600009	RESISTOR	1/10W 0Ω J
R288	DA-E134600009	RESISTOR	1/10W 0Ω J
R289	DA-E134600009	RESISTOR	1/10W 0Ω J
R290	DA-E134600009	RESISTOR	1/10W 0Ω J
R291	DA-E134275099	RESISTOR	1/10W 75Ω F
R292	DA-E134600009	RESISTOR	1/10W 0Ω J
R293	DA-E134610309	RESISTOR	1/10W 10kΩ J
R294	DA-E134210009	RESISTOR	1/10W 100Ω F
R295	DA-E134275099	RESISTOR	1/10W 75Ω F
R297	DA-E134275099	RESISTOR	1/10W 75Ω F
R298	DA-E134600009	RESISTOR	1/10W 0Ω J
R299	DA-E134600009	RESISTOR	1/10W 0Ω J
R300	DA-E134600009	RESISTOR	1/10W 0Ω J
R301	DA-E134600009	REGISTOR	1/10W 0Ω J
R303	DA-E134600009	REGISTOR	1/10W 0Ω J
R304	DA-E134600009	REGISTOR	1/10W 0Ω J
R306	DA-E134600009	RESISTOR	1/10W 0Ω J
R318	DA-E134600009	RESISTOR	1/10W 0Ω J
R319	DA-E134600009	RESISTOR	1/10W 0Ω J
R331	DA-E134600009	RESISTOR	1/10W 0Ω J
R332	DA-E134600009	RESISTOR	1/10W 0Ω J
R340	DA-E134600009	RESISTOR	1/10W 0Ω J
R341	DA-E134600009	RESISTOR	1/10W 0Ω J
R349	DA-E130322006	RESISTOR	1W 22Ω J
R350	DA-E134600009	RESISTOR	1/10W 0Ω J
R351	DA-E134222009	RESISTOR	1/10W 220Ω F
R352	DA-E130322006	RESISTOR	1W 22Ω J
R353	DA-E134210009	RESISTOR	1/10W 100Ω F
R360	DA-E134600009	RESISTOR	1/10W 0Ω J
R361	DA-E134610209	RESISTOR	1/10W 1kΩ J
R362	DA-E134610309	RESISTOR	1/10W 10kΩ J
R363	DA-E134600009	RESISTOR	1/10W 0Ω J
R365	DA-E134610309	RESISTOR	1/10W 10kΩ J
R366	DA-E134610409	RESISTOR	1/10W 100kΩ J
R367	DA-E134651009	RESISTOR	1/10W 51Ω J
R368	DA-E134651009	RESISTOR	1/10W 51Ω J
R369	DA-E134615009	RESISTOR	1/10W 15Ω J
R370	DA-E134615009	RESISTOR	1/10W 15Ω J
R371	DA-E134615009	RESISTOR	1/10W 15Ω J
R372	DA-E134615009	RESISTOR	1/10W 15Ω J
R373	DA-E134600009	RESISTOR	1/10W 0Ω J
R374	DA-E134210009	RESISTOR	1/10W 100Ω F
R379	DA-E134600009	RESISTOR	1/10W 0Ω J
R380	DA-E134600009	RESISTOR	1/10W 0Ω J
R382	DA-E134610209	RESISTOR	1/10W 1kΩ J
R383	DA-E134600009	RESISTOR	1/10W 0Ω J
R385	DA-E134210009	RESISTOR	1/10W 100Ω F
R391	DA-E134600009	RESISTOR	1/10W 0Ω J
R392	DA-E134600009	RESISTOR	1/10W 0Ω J
R393	DA-E134600009	RESISTOR	1/10W 0Ω J
R403	DA-E134600009	RESISTOR	1/10W 0Ω J
R404	DA-E134600009	RESISTOR	1/10W 0Ω J
R405	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R406	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R409	DA-E134600009	RESISTOR	1/10W 0Ω J
R411	DA-E134600009	RESISTOR	1/10W 0Ω J
R412	DA-E134600009	RESISTOR	1/10W 0Ω J
R416	DA-E134610209	RESISTOR	1/10W 1kΩ J
R417	DA-E134610209	RESISTOR	1/10W 1kΩ J
R418	DA-E134610209	RESISTOR	1/10W 1kΩ J
R419	DA-E134610209	RESISTOR	1/10W 1kΩ J
R420	DA-E134610209	RESISTOR	1/10W 1kΩ J
R421	DA-E134610209	RESISTOR	1/10W 1kΩ J
R430	DA-E134610209	RESISTOR	1/10W 1kΩ J
R433	DA-E134600009	RESISTOR	1/10W 0Ω J
R434	DA-E134600009	RESISTOR	1/10W 0Ω J
R601	DA-E134275099	RESISTOR	1/10W 75Ω F
R603	DA-E134600009	RESISTOR	1/10W 0Ω J
R604	DA-E134275099	RESISTOR	1/10W 75Ω F
R605	DA-E134275099	RESISTOR	1/10W 75Ω F
R607	DA-E134275099	RESISTOR	1/10W 75Ω F
R612	DA-E134275099	RESISTOR	1/10W 75Ω F
R613	DA-E134275099	RESISTOR	1/10W 75Ω F
R617	DA-E134275099	RESISTOR	1/10W 75Ω F
R619	DA-E134600009	RESISTOR	1/10W 0Ω J
R620	DA-E134600009	RESISTOR	1/10W 0Ω J
R758	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R759	DA-E134610409	RESISTOR	1/10W 100kΩ J
R760	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R761	DA-E134275099	RESISTOR	1/10W 75Ω F
R762	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R763	DA-E134275099	RESISTOR	1/10W 75Ω F
R764	DA-E134610409	RESISTOR	1/10W 100kΩ J
R765	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R766	DA-E134275099	RESISTOR	1/10W 75Ω F
R767	DA-E134610409	RESISTOR	1/10W 100kΩ J
R768	DA-E134610409	RESISTOR	1/10W 100kΩ J
R769	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R770	DA-E134610409	REGISTOR	1/10W 100kΩ J
R771	DA-E134610409	REGISTOR	1/10W 100kΩ J
RP01	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP03	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP04	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP06	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP07	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP08	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP09	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP10	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP11	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP12	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP13	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP14	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP19	DA-E160310166	NET RESISTOR	560.0Ω J X4
RP20	DA-E160310166	NET RESISTOR	560.0Ω J X4
RP27	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP29	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP30	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP31	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP32	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP33	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP34	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP35	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP36	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP37	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP38	DA-E160310122	NET RESISTOR	150.0Ω X4
RP39	DA-E160310122	NET RESISTOR	150.0Ω X4
L001	DA-E062176000	COIL	47uH 0.25A
L002	DA-E062176000	COIL	47uH 0.25A
L004	DA-E062132343	COIL	60Ω 6A
L005	DA-E062132343	COIL	60Ω 6A
L007	DA-E062133008	COIL	150Ω
L008	DA-E062133008	COIL	150Ω
L009	DA-E062133008	COIL	150Ω
L010	DA-E062133008	COIL	150Ω
L011	DA-E062133008	COIL	150Ω
L012	DA-E062133008	COIL	150Ω
L013	DA-E062133008	COIL	150Ω
L014	DA-E062133008	COIL	150Ω
L015	DA-E062133008	COIL	150Ω
L016	DA-E062132343	COIL	60Ω 6A
L018	DA-E062132317	COIL	30Ω
L019	DA-E062133008	COIL	150Ω

⚠Ref No.	Part No.	Part Name	Description Local
L027	DA-E062133008	COIL	150Ω
L032	DA-E062133008	COIL	150Ω
L034	DA-E062133008	COIL	150Ω
L036	DA-E062133008	COIL	150Ω
L038	DA-E062133008	COIL	150Ω
L041	DA-E062132343	COIL	60Ω 6A
L042	DA-E062133008	COIL	150Ω
L044	DA-E062132317	COIL	30Ω
L045	DA-E062132343	COIL	60Ω 6A
L046	DA-E062133008	COIL	150Ω
L047	DA-E062133008	COIL	150Ω
L048	DA-E062132419	COIL	15uHK 5mA
L050	DA-E062133008	COIL	150Ω
L051	DA-E062132343	COIL	60Ω 6A
L052	DA-E062132343	COIL	60Ω 6A
L053	DA-E062132317	COIL	30Ω
L054	DA-E062132317	COIL	30Ω
L056	DA-E062133008	COIL	150Ω
L057	DA-E062133008	COIL	150Ω
L059	DA-E062132317	COIL	30Ω
L060	DA-E062133008	COIL	150Ω
L061	DA-E062132317	COIL	30Ω
L062	DA-E062133008	COIL	150Ω
L063	DA-E062132317	COIL	30Ω
L064	DA-E062133008	COIL	150Ω
L065	DA-E062133008	COIL	150Ω
L066	DA-E062133008	COIL	150Ω
L068	DA-E062133008	COIL	150Ω
L069	DA-E062133008	COIL	150Ω
L076	DA-E062133008	COIL	150Ω
L078	DA-E062133008	COIL	150Ω
L080	DA-E062133008	COIL	150Ω
L081	DA-E062133008	COIL	150Ω
L082	DA-E062133008	COIL	150Ω
L085	DA-E062133008	COIL	150Ω
L086	DA-E062133008	COIL	150Ω
L098	DA-E062133008	COIL	150Ω
L099	DA-E062133008	COIL	150Ω
L102	DA-E062133008	COIL	150Ω
L104	DA-E062133008	COIL	150Ω
L106	DA-E062132343	COIL	60Ω 6A
L109	DA-E062132343	COIL	60Ω 6A
L110	DA-E062132343	COIL	60Ω 6A
L111	DA-E062132317	COIL	30Ω
L112	DA-E062132317	COIL	30Ω
L113	DA-E062132317	COIL	30Ω
L601	DA-E062132317	COIL	30Ω
L602	DA-E062132317	COIL	30Ω
L603	DA-E062132317	COIL	30Ω
L604	DA-E062132317	COIL	30Ω
L605	DA-E062132317	COIL	30Ω
L606	DA-E062132317	COIL	30Ω
L607	DA-E062132317	COIL	30Ω
L609	DA-E062132343	COIL	60Ω 6A
L610	DA-E062132317	COIL	30Ω
L612	DA-E062132317	COIL	30Ω
L614	DA-E062132317	COIL	30Ω
L615	DA-E062132343	COIL	60Ω 6A
L617	DA-E062132317	COIL	30Ω
L619	DA-E062132317	COIL	30Ω
L720	DA-E062132317	COIL	30Ω
L721	DA-E062133008	COIL	150Ω
L722	DA-E062133008	COIL	150Ω
P001	DA-E782511024	CONNECTOR	A2001WV2-10P
P002	DA-E782513008	CONNECTOR	A1255WR0-30PSBS
P003	DA-E782510019	CONNECTOR	A1255WR0-30PSBS
P004	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P005	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P006	DA-E782511023	CONNECTOR	A2001WV2-6P
P008	DA-E782511017	CONNECTOR	A2001WV2-5P
P009	DA-E782511012	CONNECTOR	A2001WV2-5P
P601	DA-E782404042	CONNECTOR	1X2STACK
P602	DA-E782404022	CONNECTOR	1X2STACK,4P,RA,DIP
P603	DA-E782404043	CONNECTOR	2X2STACK
P604	DA-E782404044	CONNECTOR	2X2STACK
PJ01	DA-E782401000	CONNECTOR	3ROW,R/A,Blue,ATT
PJ02	DA-E782405001	CONNECTOR	3.5mm,R/A,DIP,GREEN
U601	DA-E052110026	TUNER	FQ1216LME/I H-5
X001	DA-F699122903	CRYSTAL	10MHz
X002	DA-F699153630	CRYSTAL	18.432MHz
X003	DA-F699106034	CRYSTAL	14.318MHZ

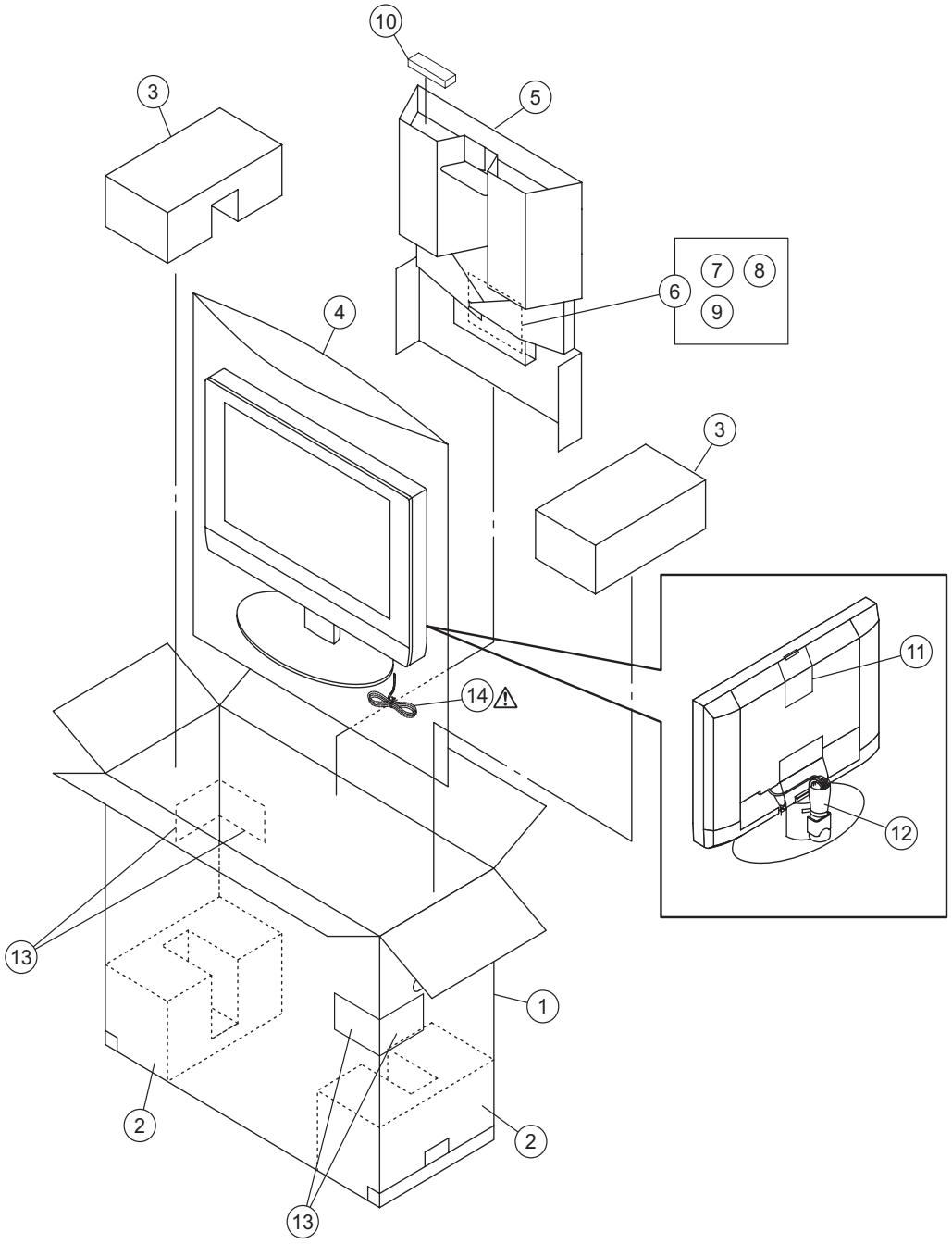
KEY P.W. BOARD ASS'Y (DA-5097663300) (PWB-0994-C)

⚠Ref No.	Part No.	Part Name	Description Local
C909	DA-E240622191	CAPACITOR	50V 220pF J
C910	DA-E240647091	CAPACITOR	50V 47pF J
C911	DA-E240647091	CAPACITOR	50V 47pF J
C912	DA-E240622191	CAPACITOR	50V 220pF J
R905	DA-E130327106	RESISTOR	1W 270Ω
R906	DA-E130327106	RESISTOR	1W 270Ω
L908	DA-E062132306	CORE FERRITE	MLB-451616-0080
L909	DA-E062132306	CORE FERRITE	MLB-451616-0080
L910	DA-E062132306	CORE FERRITE	MLB-451616-0080
L911	DA-E062132306	CORE FERRITE	MLB-451616-0080
P611	DA-E782511023	CONNECTOR	P=2
P903	DA-E782405004	CONNECTOR	7P
P904	DA-E782511017	CONNECTOR	6P
P905	DA-E782511016	CONNECTOR	4P
S601	DA-E054513025	SWITCH	CH-
S602	DA-E054513025	SWITCH	CH+
S603	DA-E054513025	SWITCH	VOL-
S604	DA-E054513025	SWITCH	VOL+
S605	DA-E054513025	SWITCH	MENU
S606	DA-E054513025	SWITCH	SOURCE
S607	DA-E054513025	SWITCH	POWER

IR P.W. BOARD ASS'Y (DA-5097661700) (PWB-0984-C)

⚠Ref No.	Part No.	Part Name	Description Local
IR01	DA-F642003904	IC	PHOTO MODULE
D001	DA-F618018175	LED	
C026	DA-E230021691	CAPACITOR	16V 4.7uF Z
R075	DA-E134210009	RESISTOR	1/10W 100Ω F
P005	DA-E782510017	CONNECTOR	P=2
P006	DA-E782510023	CONNECTOR	7P
P007	DA-E782510012	CONNECTOR	4P
P008	DA-E782510016	CONNECTOR	P=2

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	DA-I513710156	PACKING CASE		
	2	DA-I523710256	BOTTOM CUSHION	2pcs in 1set	
	3	DA-I523710156	TOP CUSHION	2pcs in 1set	
	4	DA-I532359156	POLY BAG	For SET	
	5	DA-I513714256	PAPER CUSHION		
	6	DA-I533389756	POLY BAG	For ACCESSORIES	
	7	DA-E030057212	INST BOOK		
	8	----------	BATTERY	AA/R6(x2)	
	9	----------	WARRANTY CARD	DA-E030250108	
	10	DA-E052731125	REMOCON		
	11	DA-E030057213	CAUTION SHEET		
	12	DA-I554100400	POLY BAG		
	13	DA-E030409339	CARTON LABEL	(x4)	
⚠	14	DA-E056705027	POWER CORD		

[LT-37SH6/A]

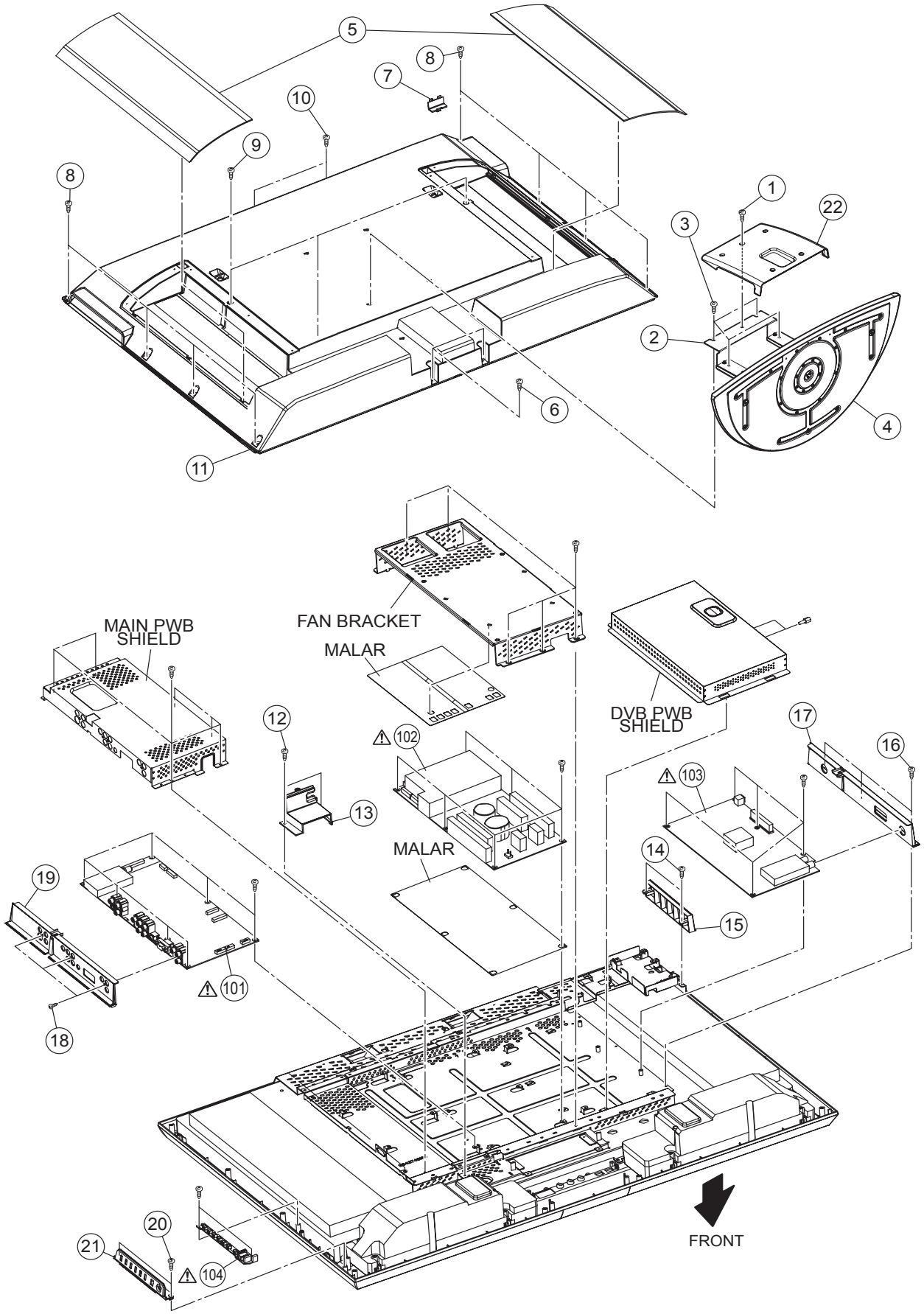
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	LT-37SH6/A
MAIN P.W.B	DA-5097661601 (PWB-0983-C)
KEY P.W.B	DA-5097663301 (PWB-0994-C)
IR P.W.B	DA-5097661701 (PWB-0984-C)
POWER P.W.B	DA-F693006632
DVB P.W.B	DA-E052110029
REMOTE CONTROL UNIT	DA-E052731125

EXPLODED VIEW PARTS LIST -1

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	DA-G000311076	SCREW	PPW M3X18	
	2	LC42292-001A-C	SUPPORT UNIT		
	3	DA-G190562514	SCREW	P 5X14+2W(x4)	
	4	LC42289-001A-C	STAND		
	5	LC12199-001C-0K	JACK COVER	(x2)	
	6	DA-G190562514	SCREW	P 5X14+2W(x2)	
	7	LC33214-001B-0K	SD CARD COVER		
	8	DA-G134251986	SCREW	PZP M4X14(x8)	
	9	DA-G000305026	SCREW	BTBW M3X10(x3)	
	10	DA-G000311076	SCREW	PPW M3X18(x2)	
	11	LC12288-002A-0K	REAR COVER		
	12	DA-G136160652	SCREW	PRWS M3X6(x2)	
	13	LC33103-001A-0K	POWER CORD HOLDER		
	14	DA-G136160652	SCREW	PRWS M3X6(x2)	
	15	LC33197-004D-0K	SD CARD BASE		
	16	DA-G000311016	SCREW	PPW M3X8(x3)	
	17	DA-E642326200	TUNER BASE		
	18	DA-G134161186	SCREW	PZP M3X8(x3)	
	19	DA-E642326100	TERMINAL BASE		
	20	DA-G134161182	SCREW	PZP M3X8(x2)	
	21	LC33196-009A-0K	CONTROL ASS'Y		
	22	LC32760-001A-HK	STAND COVER		
⚠	101	DA-5097661601	MAIN PWB	PWB-0983-C	
⚠	102	DA-F693006632	POWER PWB		
⚠	103	DA-E052110029	DVB PWB		
⚠	104	DA-5097663301	KEY PWB	PWB-0994-C	

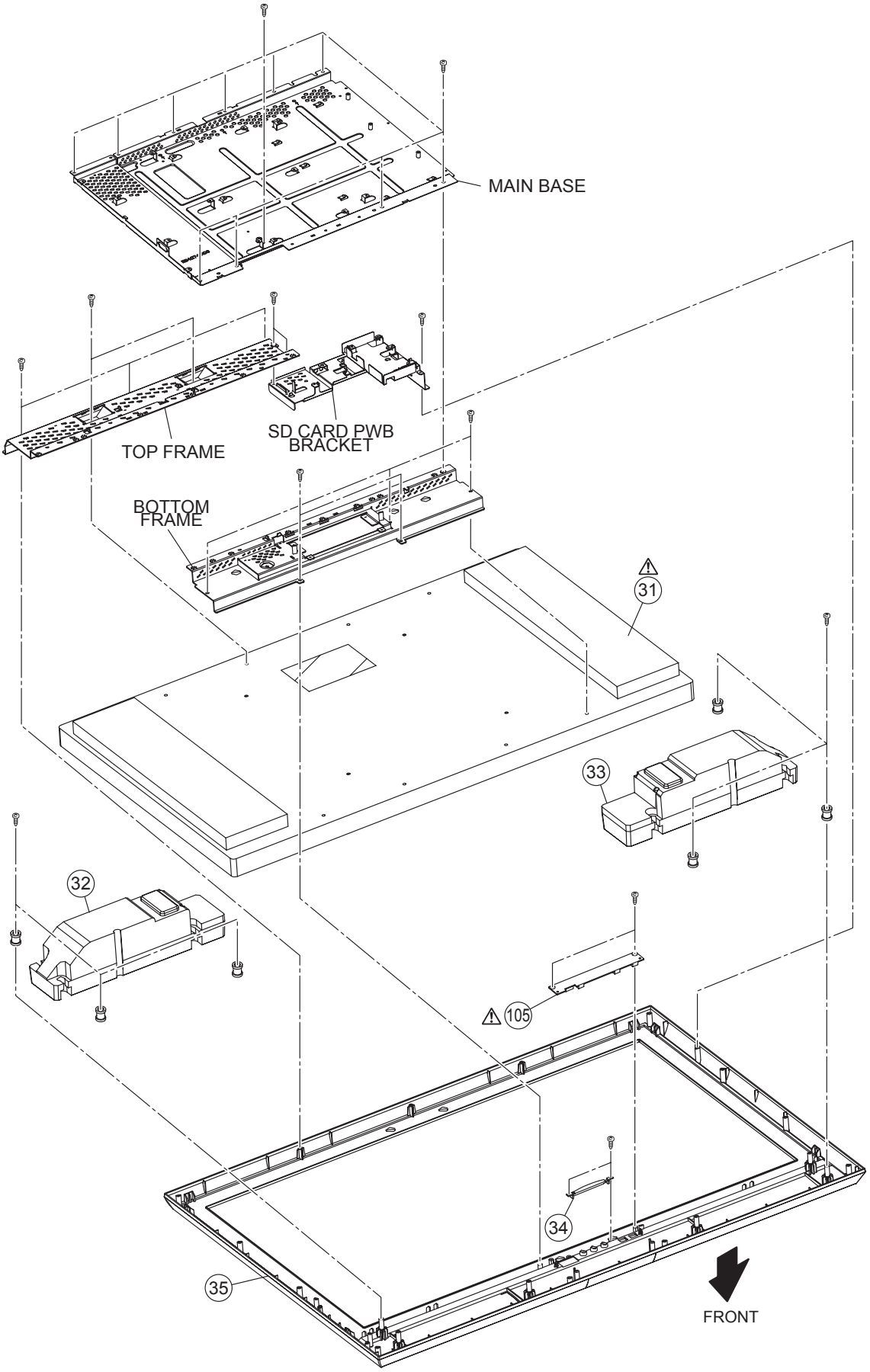
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	31	QLD0375-001	LCD PANEL UNIT		
	32	LC41913-004A-C	SPEAKER		
	33	LC41913-003A-C	SPEAKER		
	34	LC33125-001B-HK	LED LENS		
	35	LC12381-006A-0K	FRONT PANEL ASS'Y		
⚠	105	DA-5097661701	IR PWB	PWB-0984-C	

EXPLODED VIEW -2



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y
(DA-5097661601) (PWB-0983-C)

⚠Ref No.	Part No.	Part Name	Description Local
I001	DA-F640031025	IC	AP1084K(ADJ)LA
I003	DA-F640031025	IC	AP1084K(ADJ)LA
I004	DA-F640031014	IC	LT1117S18
I009	DA-F640010150	IC	AP1117E33LA
I011	DA-F626020011	IC	2N7002
I012	DA-F645011952	IC	TDA8931
I013	DA-F647026154	IC	(SERVICE) W29C040
I015	DA-F647310702	IC	IS61C256AL-12JLI
I016	DA-F647073055	IC	BR24L02DA-F-W
I017	DA-F647005555	IC	BR24L02F-W
I018	DA-F649002150	IC	MST9883C
I019	DA-F640010150	IC	AP1117E33LA
I020	DA-F645011952	IC	TDA8931
I023	DA-F647026450	IC	CAT24WC64
I025	DA-F640010150	IC	AP1117E33LA
I028	DA-F640010159	IC	AP1117DA-E25LA
I032	DA-F647001641	IC	EM6A9320BI
I033	DA-F644077051	IC	MSP3410G
I035	DA-F626090068	IC	AO6800L
I036	DA-F626090068	IC	AO6800L
I037	DA-F647003352	IC	SVP-EX52
Q001	DA-F626002853	TRANSISTOR	AO3401L
Q002	DA-F622010011	TRANSISTOR	KN3904
Q003	DA-F622010011	TRANSISTOR	KN3904
Q005	DA-F622010011	TRANSISTOR	KN3904
Q006	DA-F623010011	TRANSISTOR	KN3906
Q007	DA-F623010011	TRANSISTOR	KN3906
Q008	DA-F623010011	TRANSISTOR	KN3906
Q010	DA-F623010011	TRANSISTOR	KN3906
Q012	DA-F622010011	TRANSISTOR	KN3904
Q013	DA-F622010011	TRANSISTOR	KN3904
Q014	DA-F623010011	TRANSISTOR	KN3906
Q015	DA-F622010011	TRANSISTOR	KN3904
Q016	DA-F622010011	TRANSISTOR	KN3904
Q752	DA-F622010011	TRANSISTOR	KN3904
Q753	DA-F622010011	TRANSISTOR	KN3904
Q754	DA-F622010011	TRANSISTOR	KN3904
D008	DA-F613020019	DIODE	100V 5A
D009	DA-F613020019	DIODE	100V 5A
D011	DA-F613020019	DIODE	100V 5A
D012	DA-F611020021	DIODE	30V 0.2A
D013	DA-F611020021	DIODE	30V 0.2A
D014	DA-F613020019	DIODE	100V 5A
D015	DA-F611020011	DIODE	30V 0.2A
D018	DA-F613020019	DIODE	100V 5A
D027	DA-F613020019	DIODE	100V 5A
Z001	DA-F615002361	Z DIODE	4.85V
Z002	DA-F615002361	Z DIODE	4.85V
Z003	DA-F615002361	Z DIODE	4.85V
Z004	DA-F615002361	Z DIODE	4.85V
Z005	DA-F615002361	Z DIODE	4.85V
Z006	DA-F615002361	Z DIODE	4.85V
Z007	DA-F615002361	Z DIODE	4.85V
Z008	DA-F615002361	Z DIODE	4.85V
Z009	DA-F615002361	Z DIODE	4.85V
Z010	DA-F615002361	Z DIODE	4.85V
Z011	DA-F615002361	Z DIODE	4.85V
Z012	DA-F615002361	Z DIODE	4.85V
Z013	DA-F615002361	Z DIODE	4.85V
Z014	DA-F615002361	Z DIODE	4.85V
Z015	DA-F615002361	Z DIODE	4.85V
Z016	DA-F615002361	Z DIODE	4.85V
Z017	DA-F615002361	Z DIODE	4.85V
Z018	DA-F615002361	Z DIODE	4.85V
Z019	DA-F615002361	Z DIODE	4.85V
Z020	DA-F615002361	Z DIODE	4.85V
Z021	DA-F615002361	Z DIODE	4.85V
Z022	DA-F615002361	Z DIODE	4.85V
Z023	DA-F615002361	Z DIODE	4.85V
Z024	DA-F615002361	Z DIODE	4.85V
Z025	DA-F615002361	Z DIODE	4.85V
Z026	DA-F615002361	Z DIODE	4.85V
Z027	DA-F615002361	Z DIODE	4.85V
Z028	DA-F615002361	Z DIODE	4.85V
Z029	DA-F615002361	Z DIODE	4.85V
Z030	DA-F615002361	Z DIODE	4.85V
Z031	DA-F615002361	Z DIODE	4.85V
Z032	DA-F615002361	Z DIODE	4.85V
Z033	DA-F615002361	Z DIODE	4.85V
Z034	DA-F615002361	Z DIODE	4.85V
Z035	DA-F615002361	Z DIODE	4.85V
Z036	DA-F615002361	Z DIODE	4.85V
Z037	DA-F615002361	Z DIODE	4.85V
Z038	DA-F615002361	Z DIODE	4.85V
Z039	DA-F615002361	Z DIODE	4.85V
Z040	DA-F615002361	Z DIODE	4.85V
Z041	DA-F615002361	Z DIODE	4.85V
ZD15	DA-F615010091	Z DIODE	BZT52C3V6 SOD123
C001	DA-E230615391	CAPACITOR	50V 0.015uF K
C002	DA-E240622191	CAPACITOR	50V 220pF J
C003	DA-E240622191	CAPACITOR	50V 220pF J
C004	DA-E230003391	CAPACITOR	25V 0.1uF Z
C005	DA-E216032002	CAPACITOR	16V 100uF M
C006	DA-E280822491	CAPACITOR	50V 0.22uF Z
C007	DA-E216032002	CAPACITOR	16V 100uF M
C008	DA-E230003391	CAPACITOR	25V 0.1uF Z
C009	DA-E216032202	CAPACITOR	25V 1000uF M
C010	DA-E230003391	CAPACITOR	25V 0.1uF Z
C011	DA-E275133491	CAPACITOR	63V 0.33uF J
C012	DA-E216032002	CAPACITOR	16V 100uF M
C013	DA-E240610191	CAPACITOR	50V 100pF J
C014	DA-E240610191	CAPACITOR	50V 100pF J
C015	DA-E240610191	CAPACITOR	50V 100pF J
C016	DA-E240610191	CAPACITOR	50V 100pF J
C017	DA-E240610191	CAPACITOR	50V 100pF J
C019	DA-E230610291	CAPACITOR	50V 1000pF K
C020	DA-E240610191	CAPACITOR	50V 100pF J
C021	DA-E230622291	CAPACITOR	50V 2200pF
C022	DA-E240610191	CAPACITOR	50V 100pF J
C024	DA-E216032002	CAPACITOR	16V 100uF M
C025	DA-E230003391	CAPACITOR	25V 0.1uF Z
C026	DA-E216032002	CAPACITOR	16V 100uF M
C027	DA-E216032002	CAPACITOR	16V 100uF M
C028	DA-E230622291	CAPACITOR	50V 2200pF
C029	DA-E230622291	CAPACITOR	50V 2200pF
C030	DA-E240610191	CAPACITOR	50V 100pF J
C031	DA-E230003391	CAPACITOR	25V 0.1uF Z
C032	DA-E230003391	CAPACITOR	25V 0.1uF Z
C034	DA-E230003391	CAPACITOR	25V 0.1uF Z
C036	DA-E240622191	CAPACITOR	50V 220pF J
C037	DA-E216032002	CAPACITOR	16V 100uF M
C039	DA-E275133491	CAPACITOR	63V 0.33uF J
C041	DA-E216032202	CAPACITOR	25V 1000uF M
C042	DA-E280822491	CAPACITOR	50V 0.22uF Z
C043	DA-E230615391	CAPACITOR	50V 0.015uF K
C044	DA-E230003391	CAPACITOR	25V 0.1uF Z
C045	DA-E216032002	CAPACITOR	16V 100uF M
C046	DA-E230622291	CAPACITOR	50V 2200pF
C047	DA-E230610291	CAPACITOR	50V 1000pF K
C049	DA-E240622191	CAPACITOR	50V 220pF J
C050	DA-E280822491	CAPACITOR	50V 0.22uF Z
C052	DA-E230002791	CAPACITOR	16V 0.47uF Z
C053	DA-E216032002	CAPACITOR	16V 100uF M
C054	DA-E216032002	CAPACITOR	16V 100uF M
C055	DA-E216032102	CAPACITOR	25V 220uF M
C056	DA-E230647391	CAPACITOR	50V 0.047uF K
C057	DA-E230647391	CAPACITOR	50V 0.047uF K
C058	DA-E230682391	CAPACITOR	50V 0.082uF K
C059	DA-E240610191	CAPACITOR	50V 100pF J
C060	DA-E216032102	CAPACITOR	25V 220uF M
C061	DA-E216031902	CAPACITOR	35V 22uF M
C062	DA-E230003391	CAPACITOR	25V 0.1uF Z
C064	DA-E240647091	CAPACITOR	50V 47pF J
C065	DA-E230003391	CAPACITOR	25V 0.1uF Z
C066	DA-E230610291	CAPACITOR	50V 1000pF K
C067	DA-E230610291	CAPACITOR	50V 1000pF K
C068	DA-E230682291	CAPACITOR	50V 8200pF K
C069	DA-E230003391	CAPACITOR	25V 0.1uF Z
C070	DA-E230003391	CAPACITOR	25V 0.1uF Z
C071	DA-E230003391	CAPACITOR	25V 0.1uF Z
C072	DA-E230003391	CAPACITOR	25V 0.1uF Z
C073	DA-E280822491	CAPACITOR	50V 0.22uF Z
C075	DA-E230003391	CAPACITOR	25V 0.1uF Z
C077	DA-E230647391	CAPACITOR	50V 0.047uF K
C078	DA-E230003391	CAPACITOR	25V 0.1uF Z
C082	DA-E230610291	CAPACITOR	50V 1000pF K
C085	DA-E230647391	CAPACITOR	50V 0.047uF K
C086	DA-E230610291	CAPACITOR	50V 1000pF K
C089	DA-E230003391	CAPACITOR	25V 0.1uF Z
C090	DA-E230003391	CAPACITOR	25V 0.1uF Z
C092	DA-E230003391	CAPACITOR	25V 0.1uF Z

⚠Ref No.	Part No.	Part Name	Description Local
C094	DA-E230003391	CAPACITOR	25V 0.1uF Z
C095	DA-E230647391	CAPACITOR	50V 0.047uF K
C097	DA-E230003391	CAPACITOR	25V 0.1uF Z
C098	DA-E230610291	CAPACITOR	50V 1000pF K
C099	DA-E216032002	CAPACITOR	16V 100uF M
C100	DA-E230610291	CAPACITOR	50V 1000pF K
C101	DA-E230003391	CAPACITOR	25V 0.1uF Z
C102	DA-E230003391	CAPACITOR	25V 0.1uF Z
C103	DA-E230003391	CAPACITOR	25V 0.1uF Z
C104	DA-E230003391	CAPACITOR	25V 0.1uF Z
C105	DA-E240615091	CAPACITOR	50V 15pF J
C106	DA-E230003391	CAPACITOR	25V 0.1uF Z
C107	DA-E216031902	CAPACITOR	35V 22uF M
C109	DA-E216032102	CAPACITOR	25V 220uF M
C110	DA-E216032002	CAPACITOR	16V 100uF M
C111	DA-E216032102	CAPACITOR	25V 220uF M
C112	DA-E216031902	CAPACITOR	35V 22uF M
C113	DA-E230003391	CAPACITOR	25V 0.1uF Z
C114	DA-E240610091	CAPACITOR	50V 10pF J
C115	DA-E230003391	CAPACITOR	25V 0.1uF Z
C116	DA-E214028502	CAPACITOR	50V 2.2uF M
C117	DA-E214028502	CAPACITOR	50V 2.2uF M
C118	DA-E216029002	CAPACITOR	35V 470uF M
C119	DA-E216032002	CAPACITOR	16V 100uF M
C120	DA-E230003391	CAPACITOR	25V 0.1uF Z
C121	DA-E216032102	CAPACITOR	25V 220uF M
C123	DA-E240647091	CAPACITOR	50V 47pF J
C125	DA-E240610091	CAPACITOR	50V 10pF J
C126	DA-E230003391	CAPACITOR	25V 0.1uF Z
C127	DA-E216032002	CAPACITOR	16V 100uF M
C128	DA-E230016791	CAPACITOR	10V 10uF Z
C129	DA-E240647091	CAPACITOR	50V 47pF J
C130	DA-E230016791	CAPACITOR	10V 10uF Z
C133	DA-E216031902	CAPACITOR	35V 22uF M
C140	DA-E240615091	CAPACITOR	50V 15pF J
C141	DA-E240615091	CAPACITOR	50V 15pF J
C142	DA-E230610291	CAPACITOR	50V 1000pF K
C145	DA-E230003391	CAPACITOR	25V 0.1uF Z
C149	DA-E230021691	CAPACITOR	16V 4.7uF Z
C150	DA-E230003391	CAPACITOR	25V 0.1uF Z
C151	DA-E230003391	CAPACITOR	25V 0.1uF Z
C152	DA-E230003391	CAPACITOR	25V 0.1uF Z
C159	DA-E230016791	CAPACITOR	10V 10uF Z
C162	DA-E216032002	CAPACITOR	16V 100uF M
C163	DA-E216032002	CAPACITOR	16V 100uF M
C164	DA-E230610291	CAPACITOR	50V 1000pF K
C166	DA-E230610291	CAPACITOR	50V 1000pF K
C167	DA-E230016791	CAPACITOR	10V 10uF Z
C171	DA-E216031902	CAPACITOR	35V 22uF M
C175	DA-E230003391	CAPACITOR	25V 0.1uF Z
C180	DA-E230003391	CAPACITOR	25V 0.1uF Z
C183	DA-E240610191	CAPACITOR	50V 100pF J
C184	DA-E216031902	CAPACITOR	35V 22uF M
C188	DA-E230610291	CAPACITOR	50V 1000pF K
C190	DA-E240647191	CAPACITOR	50V 470pF J
C196	DA-E240633991	CAPACITOR	50V 3.3pF C
C200	DA-E216031902	CAPACITOR	35V 22uF M
C201	DA-E240633991	CAPACITOR	50V 3.3pF C
C202	DA-E216031902	CAPACITOR	35V 22uF M
C203	DA-E240656091	CAPACITOR	50V 56pF J
C204	DA-E216031902	CAPACITOR	35V 22uF M
C205	DA-E230003391	CAPACITOR	25V 0.1uF Z
C206	DA-E230003391	CAPACITOR	25V 0.1uF Z
C207	DA-E230003391	CAPACITOR	25V 0.1uF Z
C209	DA-E230003391	CAPACITOR	25V 0.1uF Z
C210	DA-E230003391	CAPACITOR	25V 0.1uF Z
C211	DA-E230003391	CAPACITOR	25V 0.1uF Z
C212	DA-E230003391	CAPACITOR	25V 0.1uF Z
C213	DA-E240656091	CAPACITOR	50V 56pF J
C214	DA-E230003391	CAPACITOR	25V 0.1uF Z
C215	DA-E230003391	CAPACITOR	25V 0.1uF Z
C216	DA-E230003391	CAPACITOR	25V 0.1uF Z
C217	DA-E230003391	CAPACITOR	25V 0.1uF Z
C218	DA-E230610291	CAPACITOR	50V 1000pF K
C219	DA-E230003391	CAPACITOR	25V 0.1uF Z
C220	DA-E230610291	CAPACITOR	50V 1000pF K
C221	DA-E216031902	CAPACITOR	35V 22uF M
C222	DA-E250810591	CAPACITOR	25V 1uF Z
C223	DA-E230003391	CAPACITOR	25V 0.1uF Z
C224	DA-E230003391	CAPACITOR	25V 0.1uF Z
C225	DA-E230003391	CAPACITOR	25V 0.1uF Z
C226	DA-E216031902	CAPACITOR	35V 22uF M
C227	DA-E230003391	CAPACITOR	25V 0.1uF Z
C228	DA-E134600009	RESISTOR	1/10W 0Ω J
C229	DA-E134600009	RESISTOR	1/10W 0Ω J
C231	DA-E230003391	CAPACITOR	25V 0.1uF Z
C233	DA-E250810591	CAPACITOR	25V 1uF Z
C234	DA-E134600009	RESISTOR	1/10W 0Ω J
C235	DA-E134600009	RESISTOR	1/10W 0Ω J
C236	DA-E134600009	RESISTOR	1/10W 0Ω J
C237	DA-E134600009	RESISTOR	1/10W 0Ω J
C238	DA-E230003391	CAPACITOR	25V 0.1uF Z
C239	DA-E216031902	CAPACITOR	35V 22uF M
C240	DA-E216032102	CAPACITOR	25V 220uF M
C241	DA-E230003391	CAPACITOR	25V 0.1uF Z
C242	DA-E216031902	CAPACITOR	35V 22uF M
C243	DA-E230003391	CAPACITOR	25V 0.1uF Z
C244	DA-E230003391	CAPACITOR	25V 0.1uF Z
C245	DA-E280822491	CAPACITOR	50V 0.22uF Z
C249	DA-E230003391	CAPACITOR	25V 0.1uF Z
C250	DA-E230003391	CAPACITOR	25V 0.1uF Z
C252	DA-E230003391	CAPACITOR	25V 0.1uF Z
C254	DA-E230003391	CAPACITOR	25V 0.1uF Z
C255	DA-E230003391	CAPACITOR	25V 0.1uF Z
C257	DA-E230003391	CAPACITOR	25V 0.1uF Z
C259	DA-E230003391	CAPACITOR	25V 0.1uF Z
C261	DA-E230810491	CAPACITOR	50V 0.1uF K
C262	DA-E230003391	CAPACITOR	25V 0.1uF Z
C263	DA-E280822491	CAPACITOR	50V 0.22uF Z
C264	DA-E230003391	CAPACITOR	25V 0.1uF Z
C265	DA-E230003391	CAPACITOR	25V 0.1uF Z
C266	DA-E230810491	CAPACITOR	50V 0.1uF K
C269	DA-E230003391	CAPACITOR	25V 0.1uF Z
C271	DA-E230003391	CAPACITOR	25V 0.1uF Z
C274	DA-E230003391	CAPACITOR	25V 0.1uF Z
C276	DA-E240668091	CAPACITOR	50V 68pF J
C277	DA-E230003391	CAPACITOR	25V 0.1uF Z
C278	DA-E230003391	CAPACITOR	25V 0.1uF Z
C279	DA-E230003391	CAPACITOR	25V 0.1uF Z
C280	DA-E230016791	CAPACITOR	10V 10uF Z
C281	DA-E230016791	CAPACITOR	10V 10uF Z
C282	DA-E230810491	CAPACITOR	50V 0.1uF K
C284	DA-E230003391	CAPACITOR	25V 0.1uF Z
C285	DA-E240668091	CAPACITOR	50V 68pF J
C286	DA-E240633091	CAPACITOR	50V 33pF
C288	DA-E216032002	CAPACITOR	16V 100uF M
C289	DA-E230003391	CAPACITOR	25V 0.1uF Z
C294	DA-E230610391	CAPACITOR	50V 0.01uF K
C296	DA-E240633091	CAPACITOR	50V 33pF
C297	DA-E230003391	CAPACITOR	25V 0.1uF Z
C299	DA-E230003391	CAPACITOR	25V 0.1uF Z
C301	DA-E230003391	CAPACITOR	25V 0.1uF Z
C303	DA-E230003391	CAPACITOR	25V 0.1uF Z
C304	DA-E230003391	CAPACITOR	25V 0.1uF Z
C305	DA-E230003391	CAPACITOR	25V 0.1uF Z
C307	DA-E230003391	CAPACITOR	25V 0.1uF Z
C308	DA-E216031902	CAPACITOR	35V 22uF M
C309	DA-E230003391	CAPACITOR	25V 0.1uF Z
C311	DA-E230003391	CAPACITOR	25V 0.1uF Z
C312	DA-E230003391	CAPACITOR	25V 0.1uF Z
C313	DA-E230003391	CAPACITOR	25V 0.1uF Z
C314	DA-E230003391	CAPACITOR	25V 0.1uF Z
C318	DA-E230003391	CAPACITOR	25V 0.1uF Z
C319	DA-E230003391	CAPACITOR	25V 0.1uF Z
C320	DA-E216031902	CAPACITOR	35V 22uF M
C328	DA-E230003391	CAPACITOR	25V 0.1uF Z
C329	DA-E230003391	CAPACITOR	25V 0.1uF Z
C332	DA-E230003391	CAPACITOR	25V 0.1uF Z
C334	DA-E230003391	CAPACITOR	25V 0.1uF Z
C335	DA-E230003391	CAPACITOR	25V 0.1uF Z
C336	DA-E230003391	CAPACITOR	25V 0.1uF Z
C337	DA-E230003391	CAPACITOR	25V 0.1uF Z
C338	DA-E230003391	CAPACITOR	25V 0.1uF Z
C339	DA-E230003391	CAPACITOR	25V 0.1uF Z
C340	DA-E230003391	CAPACITOR	25V 0.1uF Z
C341	DA-E216031902	CAPACITOR	35V 22uF M
C342	DA-E216031902	CAPACITOR	35V 22uF M
C343	DA-E230003391	CAPACITOR	25V 0.1uF Z
C345	DA-E230003391	CAPACITOR	25V 0.1uF Z
C346	DA-E230627291	CAPACITOR	50V 2700pF
C353	DA-E230003391	CAPACITOR	25V 0.1uF Z
C354	DA-E216031902	CAPACITOR	35V 22uF M
C356	DA-E216031902	CAPACITOR	35V 22uF M
C357	DA-E230003391	CAPACITOR	25V 0.1uF Z
C364	DA-E230627291	CAPACITOR	50V 2700pF
C377	DA-E216031902	CAPACITOR	35V 22uF M
C378	DA-E230003391	CAPACITOR	25V 0.1uF Z
C380	DA-E230003391	CAPACITOR	25V 0.1uF Z
C381	DA-E216031902	CAPACITOR	35V 22uF M
C396	DA-E216031902	CAPACITOR	35V 22uF M
C397	DA-E230003391	CAPACITOR	25V 0.1uF Z
C428	DA-E230003391	CAPACITOR	25V 0.1uF Z
C429	DA-E230003391	CAPACITOR	25V 0.1uF Z
C444	DA-E230003391	CAPACITOR	25V 0.1uF Z

⚠Ref No.	Part No.	Part Name	Description Local
C445	DA-E216032002	CAPACITOR	16V 100uF M
C446	DA-E230647291	CAPACITOR	50V 4700pF K
C447	DA-E230610391	CAPACITOR	50V 0.01uF K
C448	DA-E230610391	CAPACITOR	50V 0.01uF K
C449	DA-E230610391	CAPACITOR	50V 0.01uF K
C450	DA-E230003391	CAPACITOR	25V 0.1uF Z
C451	DA-E230610391	CAPACITOR	50V 0.01uF K
C452	DA-E230003391	CAPACITOR	25V 0.1uF Z
C453	DA-E216031902	CAPACITOR	35V 22uF M
C454	DA-E216032002	CAPACITOR	16V 100uF M
C455	DA-E230610391	CAPACITOR	50V 0.01uF K
C456	DA-E230003391	CAPACITOR	25V 0.1uF Z
C457	DA-E230003391	CAPACITOR	25V 0.1uF Z
C458	DA-E230647291	CAPACITOR	50V 4700pF K
C459	DA-E230610391	CAPACITOR	50V 0.01uF K
C460	DA-E230610391	CAPACITOR	50V 0.01uF K
C461	DA-E230003391	CAPACITOR	25V 0.1uF Z
C601	DA-E230016791	CAPACITOR	10V 10uF Z
C602	DA-E230016791	CAPACITOR	10V 10uF Z
C605	DA-E230016791	CAPACITOR	10V 10uF Z
C606	DA-E230016791	CAPACITOR	10V 10uF Z
C609	DA-E230016791	CAPACITOR	10V 10uF Z
C611	DA-E230016791	CAPACITOR	10V 10uF Z
C612	DA-E230016791	CAPACITOR	10V 10uF Z
C615	DA-E216032002	CAPACITOR	16V 100uF M
C616	DA-E230003391	CAPACITOR	25V 0.1uF Z
C622	DA-E230016791	CAPACITOR	10V 10uF Z
C627	DA-E230016791	CAPACITOR	10V 10uF Z
C628	DA-E216032002	CAPACITOR	16V 100uF M
C629	DA-E216032002	CAPACITOR	16V 100uF M
C630	DA-E230003391	CAPACITOR	25V 0.1uF Z
C634	DA-E230016791	CAPACITOR	10V 10uF Z
C640	DA-E216029002	CAPACITOR	35V 470uF M
C719	DA-E216031902	CAPACITOR	35V 22uF M
C720	DA-E216031902	CAPACITOR	35V 22uF M
C752	DA-E216032002	CAPACITOR	16V 100uF M
C753	DA-E216032002	CAPACITOR	16V 100uF M
C754	DA-E216032002	CAPACITOR	16V 100uF M
R001	DA-E138110099	RESISTOR	1/8W 10Ω F
R002	DA-E138110099	RESISTOR	1/8W 10Ω F
R005	DA-E134639109	RESISTOR	1/10W 390Ω J
R006	DA-E134624109	RESISTOR	1/10W 240Ω J
R010	DA-E134610209	RESISTOR	1/10W 1kΩ J
R012	DA-E134610309	RESISTOR	1/10W 10kΩ J
R013	DA-E134610209	RESISTOR	1/10W 1kΩ J
R014	DA-E134610309	RESISTOR	1/10W 10kΩ J
R015	DA-E134247029	RESISTOR	1/10W 47kΩ F
R016	DA-E134247029	RESISTOR	1/10W 47kΩ F
R017	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R018	DA-E134615209	RESISTOR	1/10W 1.5kΩ J
R019	DA-E134610209	RESISTOR	1/10W 1kΩ J
R020	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R021	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R022	DA-E134633309	RESISTOR	1/10W 33kΩ J
R024	DA-E138110099	RESISTOR	1/8W 10Ω F
R025	DA-E134247029	RESISTOR	1/10W 47kΩ F
R026	DA-E134624309	RESISTOR	1/10W 24kΩ J
R028	DA-E134624309	RESISTOR	1/10W 24kΩ J
R029	DA-E134656109	RESISTOR	1/10W 560Ω J
R030	DA-E134633009	RESISTOR	1/10W 33Ω J
R031	DA-E134600009	RESISTOR	1/10W 0Ω J
R032	DA-E134633009	RESISTOR	1/10W 33Ω J
R034	DA-E134610509	RESISTOR	1/10W 1MΩ J
R035	DA-E134633009	RESISTOR	1/10W 33Ω J
R036	DA-E134639109	RESISTOR	1/10W 390Ω J
R038	DA-E134600009	RESISTOR	1/10W 0Ω J
R039	DA-E134600009	RESISTOR	1/10W 0Ω J
R041	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R042	DA-E134600009	RESISTOR	1/10W 0Ω J
R043	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R044	DA-E134600009	RESISTOR	1/10W 0Ω J
R045	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R046	DA-E134633009	RESISTOR	1/10W 33Ω J
R048	DA-E134610309	RESISTOR	1/10W 10kΩ J
R049	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R050	DA-E134647009	RESISTOR	1/10W 47Ω J
R051	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R052	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R054	DA-E134610209	RESISTOR	1/10W 1kΩ J
R055	DA-E134630109	RESISTOR	1/10W 300Ω J
R056	DA-E134630109	RESISTOR	1/10W 300Ω J
R057	DA-E134627209	RESISTOR	1/10W 2.7kΩ J
R058	DA-E134610209	RESISTOR	1/10W 1kΩ J
R059	DA-E134647009	RESISTOR	1/10W 47Ω J
R060	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R061	DA-E134210009	RESISTOR	1/10W 100Ω F
R062	DA-E134210009	RESISTOR	1/10W 100Ω F
R063	DA-E134600009	RESISTOR	1/10W 0Ω J
R064	DA-E134600009	RESISTOR	1/10W 0Ω J
R065	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R066	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R067	DA-E134600009	RESISTOR	1/10W 0Ω J
R068	DA-E134600009	RESISTOR	1/10W 0Ω J
R069	DA-E134610309	RESISTOR	1/10W 10kΩ J
R070	DA-E134610309	RESISTOR	1/10W 10kΩ J
R071	DA-E134210009	RESISTOR	1/10W 100Ω F
R072	DA-E134275099	RESISTOR	1/10W 75Ω F
R073	DA-E134600009	RESISTOR	1/10W 0Ω J
R074	DA-E134600009	RESISTOR	1/10W 0Ω J
R075	DA-E134600009	RESISTOR	1/10W 0Ω J
R076	DA-E134275099	RESISTOR	1/10W 75Ω F
R078	DA-E134210009	RESISTOR	1/10W 100Ω F
R079	DA-E134275099	RESISTOR	1/10W 75Ω F
R081	DA-E134622009	RESISTOR	1/10W 22Ω J
R082	DA-E134622009	RESISTOR	1/10W 22Ω J
R085	DA-E134600009	RESISTOR	1/10W 0Ω J
R087	DA-E134600009	RESISTOR	1/10W 0Ω J
R088	DA-E134275099	RESISTOR	1/10W 75Ω F
R089	DA-E134600009	RESISTOR	1/10W 0Ω J
R090	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R091	DA-E134610309	RESISTOR	1/10W 10kΩ J
R092	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R093	DA-E134610309	RESISTOR	1/10W 10kΩ J
R094	DA-E134610309	RESISTOR	1/10W 10kΩ J
R095	DA-E134610309	RESISTOR	1/10W 10kΩ J
R096	DA-E134210009	RESISTOR	1/10W 100Ω F
R097	DA-E134275099	RESISTOR	1/10W 75Ω F
R098	DA-E134610309	RESISTOR	1/10W 10kΩ J
R099	DA-E134610309	RESISTOR	1/10W 10kΩ J
R100	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R102	DA-E134210009	RESISTOR	1/10W 100Ω F
R104	DA-E134210009	RESISTOR	1/10W 100Ω F
R105	DA-E134610309	RESISTOR	1/10W 10kΩ J
R106	DA-E134275099	RESISTOR	1/10W 75Ω F
R107	DA-E134275099	RESISTOR	1/10W 75Ω F
R108	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R113	DA-E134600009	RESISTOR	1/10W 0Ω J
R114	DA-E134610309	RESISTOR	1/10W 10kΩ J
R115	DA-E134610309	RESISTOR	1/10W 10kΩ J
R116	DA-E134610309	RESISTOR	1/10W 10kΩ J
R118	DA-E134210009	RESISTOR	1/10W 100Ω F
R119	DA-E134610309	RESISTOR	1/10W 10kΩ J
R120	DA-E134275099	RESISTOR	1/10W 75Ω F
R121	DA-E134275099	RESISTOR	1/10W 75Ω F
R122	DA-E134610209	RESISTOR	1/10W 1kΩ J
R123	DA-E134610309	RESISTOR	1/10W 10kΩ J
R124	DA-E134610309	RESISTOR	1/10W 10kΩ J
R127	DA-E134600009	RESISTOR	1/10W 0Ω J
R130	DA-E134600009	RESISTOR	1/10W 0Ω J
R129	DA-E134600009	RESISTOR	1/10W 0Ω J
R131	DA-E134600009	RESISTOR	1/10W 0Ω J
R132	DA-E134600009	RESISTOR	1/10W 0Ω J
R135	DA-E134610309	RESISTOR	1/10W 10kΩ J
R136	DA-E134610309	RESISTOR	1/10W 10kΩ J
R137	DA-E134610209	RESISTOR	1/10W 1kΩ J
R138	DA-E134615309	RESISTOR	1/10W 15kΩ J
R140	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R141	DA-E134600009	RESISTOR	1/10W 0Ω J
R142	DA-E134612309	RESISTOR	1/10W 100Ω
R143	DA-E134210009	RESISTOR	1/10W 100Ω F
R144	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R145	DA-E134247029	RESISTOR	1/10W 47kΩ F
R147	DA-E134210009	RESISTOR	1/10W 100Ω F
R149	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R151	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R154	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R155	DA-E134610209	RESISTOR	1/10W 1kΩ J
R156	DA-E137222099	RESISTOR	1/8W 22Ω F
R157	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R158	DA-E134612309	RESISTOR	1/10W 100Ω
R159	DA-E134247029	RESISTOR	1/10W 47kΩ F
R160	DA-E134247029	RESISTOR	1/10W 47kΩ F
R161	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R162	DA-E134610209	RESISTOR	1/10W 1kΩ J
R163	DA-E134610309	RESISTOR	1/10W 10kΩ J
R166	DA-E130547103	RESISTOR	3W 470Ω J
R167	DA-E134610309	RESISTOR	1/10W 10kΩ J
R171	DA-E134610409	RESISTOR	1/10W 100kΩ J
R172	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R174	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R176	DA-E134600009	REGISTOR	1/10W 0Ω J
R177	DA-E134610409	REGISTOR	1/10W 100kΩ J
R179	DA-E134610409	RESISTOR	1/10W 100kΩ J

⚠Ref No.	Part No.	Part Name	Description Local
R189	DA-E134612209	RESISTOR	1/10W 1.2kΩ J
R190	DA-E134622109	RESISTOR	1/10W 220Ω J
R206	DA-E134610309	RESISTOR	1/10W 10kΩ J
R210	DA-E134275099	RESISTOR	1/10W 75Ω F
R215	DA-E134275099	RESISTOR	1/10W 75Ω F
R220	DA-E134610309	RESISTOR	1/10W 10kΩ J
R223	DA-E134600009	RESISTOR	1/10W 0Ω J
R224	DA-E134600009	RESISTOR	1/10W 0Ω J
R225	DA-E134615309	RESISTOR	1/10W 15kΩ J
R226	DA-E134600009	RESISTOR	1/10W 0Ω J
R227	DA-E134615309	RESISTOR	1/10W 15kΩ J
R228	DA-E134600009	RESISTOR	1/10W 0Ω J
R229	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R230	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R231	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R232	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R233	DA-E134600009	RESISTOR	1/10W 0Ω J
R234	DA-E134610309	RESISTOR	1/10W 10kΩ J
R237	DA-E134615009	RESISTOR	1/10W 15Ω J
R238	DA-E134668009	RESISTOR	1/10W 68Ω J
R239	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R240	DA-E134668009	RESISTOR	1/10W 68Ω J
R241	DA-E134610209	RESISTOR	1/10W 1kΩ J
R243	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R256	DA-E134622009	RESISTOR	1/10W 22Ω J
R257	DA-E134656209	RESISTOR	1/10W 5.6kΩ J
R258	DA-E134647109	RESISTOR	1/10W 470Ω J
R260	DA-E134210009	RESISTOR	1/10W 100Ω F
R261	DA-E134210009	RESISTOR	1/10W 100Ω F
R268	DA-E134600009	RESISTOR	1/10W 0Ω J
R275	DA-E134610309	RESISTOR	1/10W 10kΩ J
R280	DA-E134600009	RESISTOR	1/10W 0Ω J
R281	DA-E134600009	RESISTOR	1/10W 0Ω J
R282	DA-E134210009	RESISTOR	1/10W 100Ω F
R283	DA-E134210009	RESISTOR	1/10W 100Ω F
R284	DA-E134600009	RESISTOR	1/10W 0Ω J
R285	DA-E134600009	RESISTOR	1/10W 0Ω J
R286	DA-E134600009	RESISTOR	1/10W 0Ω J
R287	DA-E134600009	RESISTOR	1/10W 0Ω J
R288	DA-E134600009	RESISTOR	1/10W 0Ω J
R289	DA-E134600009	RESISTOR	1/10W 0Ω J
R290	DA-E134600009	RESISTOR	1/10W 0Ω J
R291	DA-E134275099	RESISTOR	1/10W 75Ω F
R292	DA-E134600009	RESISTOR	1/10W 0Ω J
R293	DA-E134610309	RESISTOR	1/10W 10kΩ J
R294	DA-E134210009	RESISTOR	1/10W 100Ω F
R295	DA-E134275099	RESISTOR	1/10W 75Ω F
R297	DA-E134275099	RESISTOR	1/10W 75Ω F
R298	DA-E134600009	RESISTOR	1/10W 0Ω J
R299	DA-E134600009	RESISTOR	1/10W 0Ω J
R300	DA-E134600009	RESISTOR	1/10W 0Ω J
R301	DA-E134600009	REGISTOR	1/10W 0Ω J
R303	DA-E134600009	REGISTOR	1/10W 0Ω J
R304	DA-E134600009	REGISTOR	1/10W 0Ω J
R306	DA-E134600009	RESISTOR	1/10W 0Ω J
R318	DA-E134600009	RESISTOR	1/10W 0Ω J
R319	DA-E134600009	RESISTOR	1/10W 0Ω J
R331	DA-E134600009	RESISTOR	1/10W 0Ω J
R332	DA-E134600009	RESISTOR	1/10W 0Ω J
R340	DA-E134600009	RESISTOR	1/10W 0Ω J
R341	DA-E134600009	RESISTOR	1/10W 0Ω J
R349	DA-E130322006	RESISTOR	1W 22Ω J
R350	DA-E134600009	RESISTOR	1/10W 0Ω J
R351	DA-E134222009	RESISTOR	1/10W 220Ω F
R352	DA-E130322006	RESISTOR	1W 22Ω J
R353	DA-E134210009	RESISTOR	1/10W 100Ω F
R360	DA-E134600009	RESISTOR	1/10W 0Ω J
R361	DA-E134610209	RESISTOR	1/10W 1kΩ J
R362	DA-E134610309	RESISTOR	1/10W 10kΩ J
R363	DA-E134600009	RESISTOR	1/10W 0Ω J
R365	DA-E134610309	RESISTOR	1/10W 10kΩ J
R366	DA-E134610409	RESISTOR	1/10W 100kΩ J
R367	DA-E134651009	RESISTOR	1/10W 51Ω J
R368	DA-E134651009	RESISTOR	1/10W 51Ω J
R369	DA-E134615009	RESISTOR	1/10W 15Ω J
R370	DA-E134615009	RESISTOR	1/10W 15Ω J
R371	DA-E134615009	RESISTOR	1/10W 15Ω J
R372	DA-E134615009	RESISTOR	1/10W 15Ω J
R373	DA-E134600009	RESISTOR	1/10W 0Ω J
R374	DA-E134210009	RESISTOR	1/10W 100Ω F
R379	DA-E134600009	RESISTOR	1/10W 0Ω J
R380	DA-E134600009	RESISTOR	1/10W 0Ω J
R382	DA-E134610209	RESISTOR	1/10W 1kΩ J
R383	DA-E134600009	RESISTOR	1/10W 0Ω J
R385	DA-E134210009	RESISTOR	1/10W 100Ω F
R391	DA-E134600009	RESISTOR	1/10W 0Ω J
R392	DA-E134600009	RESISTOR	1/10W 0Ω J
R393	DA-E134600009	RESISTOR	1/10W 0Ω J
R403	DA-E134600009	RESISTOR	1/10W 0Ω J
R404	DA-E134600009	RESISTOR	1/10W 0Ω J
R405	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R406	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R409	DA-E134600009	RESISTOR	1/10W 0Ω J
R411	DA-E134600009	RESISTOR	1/10W 0Ω J
R412	DA-E134600009	RESISTOR	1/10W 0Ω J
R416	DA-E134610209	RESISTOR	1/10W 1kΩ J
R417	DA-E134610209	RESISTOR	1/10W 1kΩ J
R418	DA-E134610209	RESISTOR	1/10W 1kΩ J
R419	DA-E134610209	RESISTOR	1/10W 1kΩ J
R420	DA-E134610209	RESISTOR	1/10W 1kΩ J
R421	DA-E134610209	RESISTOR	1/10W 1kΩ J
R430	DA-E134610209	RESISTOR	1/10W 1kΩ J
R433	DA-E134600009	RESISTOR	1/10W 0Ω J
R434	DA-E134600009	RESISTOR	1/10W 0Ω J
R601	DA-E134275099	RESISTOR	1/10W 75Ω F
R603	DA-E134600009	RESISTOR	1/10W 0Ω J
R604	DA-E134275099	RESISTOR	1/10W 75Ω F
R605	DA-E134275099	RESISTOR	1/10W 75Ω F
R607	DA-E134275099	RESISTOR	1/10W 75Ω F
R612	DA-E134275099	RESISTOR	1/10W 75Ω F
R613	DA-E134275099	RESISTOR	1/10W 75Ω F
R617	DA-E134275099	RESISTOR	1/10W 75Ω F
R619	DA-E134600009	RESISTOR	1/10W 0Ω J
R620	DA-E134600009	RESISTOR	1/10W 0Ω J
R758	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R759	DA-E134610409	RESISTOR	1/10W 100kΩ J
R760	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R761	DA-E134275099	RESISTOR	1/10W 75Ω F
R762	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R763	DA-E134275099	RESISTOR	1/10W 75Ω F
R764	DA-E134610409	RESISTOR	1/10W 100kΩ J
R765	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R766	DA-E134275099	RESISTOR	1/10W 75Ω F
R767	DA-E134610409	RESISTOR	1/10W 100kΩ J
R768	DA-E134610409	RESISTOR	1/10W 100kΩ J
R769	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R770	DA-E134610409	REGISTOR	1/10W 100kΩ J
R771	DA-E134610409	REGISTOR	1/10W 100kΩ J
RP01	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP03	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP04	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP06	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP07	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP08	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP09	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP10	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP11	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP12	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP13	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP14	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP19	DA-E160310166	NET RESISTOR	560.0Ω J X4
RP20	DA-E160310166	NET RESISTOR	560.0Ω J X4
RP27	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP29	DA-E160310101	NET RESISTOR	33.0Ω J X4
RP30	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP31	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP32	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP33	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP34	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP35	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP36	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP37	DA-E160310138	NET RESISTOR	15.0Ω J X4
RP38	DA-E160310126	NET RESISTOR	100.0Ω J X4
RP39	DA-E160310126	NET RESISTOR	100.0Ω J X4
L001	DA-E062176000	COIL	47uH 0.25A
L002	DA-E062176000	COIL	47uH 0.25A
L004	DA-E062132343	COIL	60Ω 6A
L005	DA-E062132343	COIL	60Ω 6A
L007	DA-E062133008	COIL	150Ω
L008	DA-E062133008	COIL	150Ω
L009	DA-E062133008	COIL	150Ω
L010	DA-E062133008	COIL	150Ω
L011	DA-E062133008	COIL	150Ω
L012	DA-E062133008	COIL	150Ω
L013	DA-E062133008	COIL	150Ω
L014	DA-E062133008	COIL	150Ω
L015	DA-E062133008	COIL	150Ω
L016	DA-E062132343	COIL	60Ω 6A
L018	DA-E062132317	COIL	30Ω
L019	DA-E062133008	COIL	150Ω
L027	DA-E062133008	COIL	150Ω
L032	DA-E062133008	COIL	150Ω
L034	DA-E062133008	COIL	150Ω

⚠Ref No.	Part No.	Part Name	Description Local
L036	DA-E062133008	COIL	150Ω
L038	DA-E062133008	COIL	150Ω
L041	DA-E062132343	COIL	60Ω 6A
L042	DA-E062133008	COIL	150Ω
L044	DA-E062132317	COIL	30Ω
L045	DA-E062132343	COIL	60Ω 6A
L046	DA-E062133008	COIL	150Ω
L047	DA-E062133008	COIL	150Ω
L048	DA-E062132419	COIL	15uHK 5mA
L050	DA-E062133008	COIL	150Ω
L051	DA-E062132343	COIL	60Ω 6A
L052	DA-E062132343	COIL	60Ω 6A
L053	DA-E062132317	COIL	30Ω
L054	DA-E062132317	COIL	30Ω
L056	DA-E062133008	COIL	150Ω
L057	DA-E062133008	COIL	150Ω
L059	DA-E062132317	COIL	30Ω
L060	DA-E062133008	COIL	150Ω
L061	DA-E062132317	COIL	30Ω
L062	DA-E062133008	COIL	150Ω
L063	DA-E062132317	COIL	30Ω
L064	DA-E062133008	COIL	150Ω
L065	DA-E062133008	COIL	150Ω
L066	DA-E062133008	COIL	150Ω
L068	DA-E062133008	COIL	150Ω
L069	DA-E062133008	COIL	150Ω
L076	DA-E062133008	COIL	150Ω
L078	DA-E062133008	COIL	150Ω
L080	DA-E062133008	COIL	150Ω
L081	DA-E062133008	COIL	150Ω
L082	DA-E062133008	COIL	150Ω
L085	DA-E062133008	COIL	150Ω
L086	DA-E062133008	COIL	150Ω
L098	DA-E062133008	COIL	150Ω
L099	DA-E062133008	COIL	150Ω
L102	DA-E062133008	COIL	150Ω
L104	DA-E062133008	COIL	150Ω
L106	DA-E062132343	COIL	60Ω 6A
L109	DA-E062132343	COIL	60Ω 6A
L110	DA-E062132343	COIL	60Ω 6A
L111	DA-E062132317	COIL	30Ω
L112	DA-E062132317	COIL	30Ω
L113	DA-E062132317	COIL	30Ω
L601	DA-E062132317	COIL	30Ω
L602	DA-E062132317	COIL	30Ω
L603	DA-E062132317	COIL	30Ω
L604	DA-E062132317	COIL	30Ω
L605	DA-E062132317	COIL	30Ω
L606	DA-E062132317	COIL	30Ω
L607	DA-E062132317	COIL	30Ω
L609	DA-E062132343	COIL	60Ω 6A
L610	DA-E062132317	COIL	30Ω
L612	DA-E062132317	COIL	30Ω
L614	DA-E062132317	COIL	30Ω
L615	DA-E062132343	COIL	60Ω 6A
L617	DA-E062132317	COIL	30Ω
L619	DA-E062132317	COIL	30Ω
L720	DA-E062132317	COIL	30Ω
L721	DA-E062133008	COIL	150Ω
L722	DA-E062133008	COIL	150Ω
P001	DA-E782511024	CONNECTOR	A2001WV2-10P
P002	DA-E782513008	CONNECTOR	A1255WR0-30PSBS
P003	DA-E782510019	CONNECTOR	A1255WR0-30PSBS
P004	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P005	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P006	DA-E782511023	CONNECTOR	A2001WV2-6P
P008	DA-E782511017	CONNECTOR	A2001WV2-5P
P009	DA-E782511012	CONNECTOR	A2001WV2-5P
P601	DA-E782404042	CONNECTOR	1X2STACK
P602	DA-E782404022	CONNECTOR	1X2STACK,4P,RA,DIP
P603	DA-E782404043	CONNECTOR	2X2STACK
P604	DA-E782404044	CONNECTOR	2X2STACK
PJ01	DA-E782401000	CONNECTOR	3ROW,R/A,Blue,ATT
PJ02	DA-E782405001	CONNECTOR	3.5mm,R/A,DIP,GREEN
U601	DA-E052110026	TUNER	FQ1216LME/I H-5
X001	DA-F699122903	CRYSTAL	10MHz
X002	DA-F699153630	CRYSTAL	18.432MHz
X003	DA-F699106034	CRYSTAL	14.318MHZ

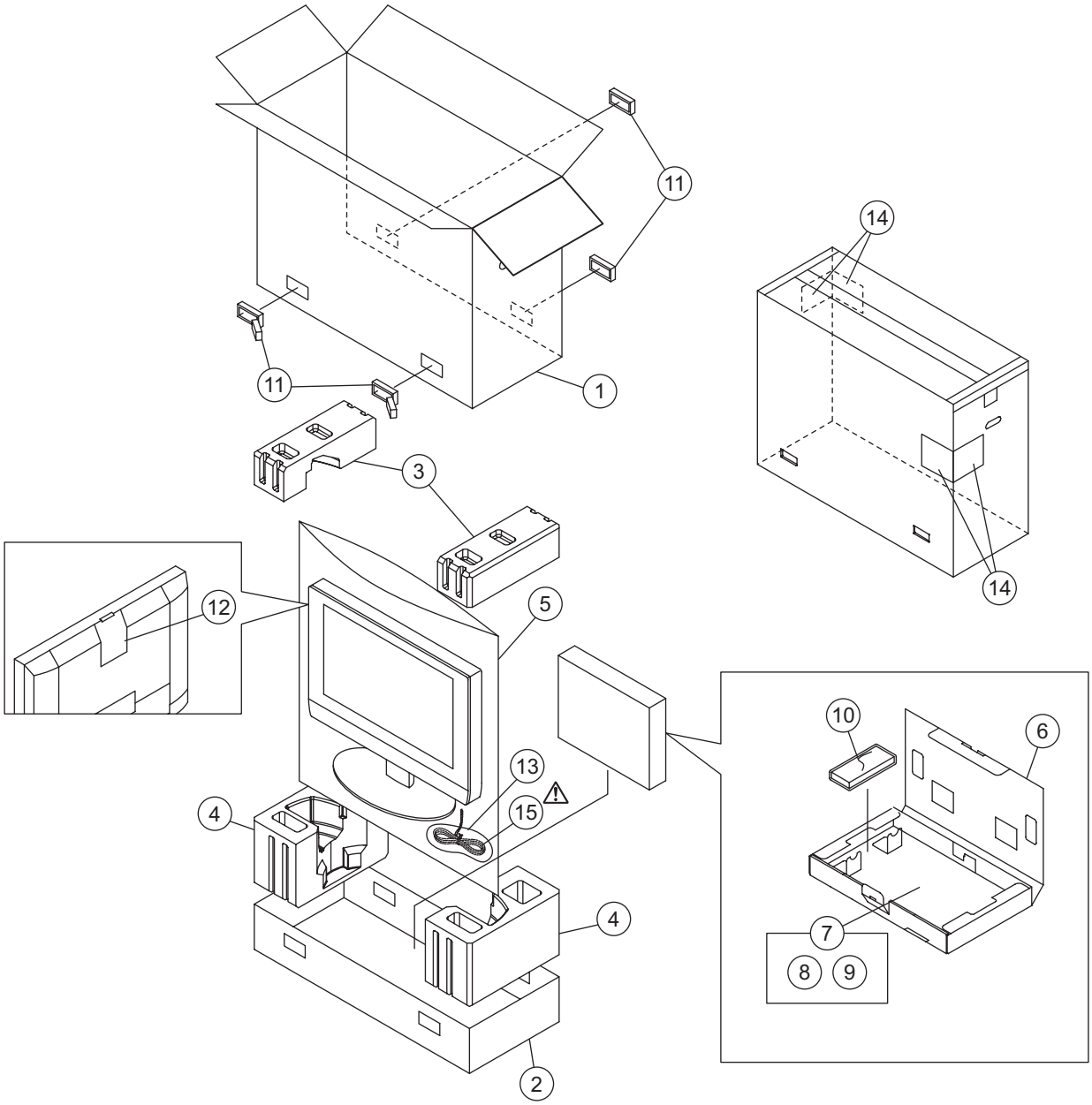
KEY P.W. BOARD ASS'Y (DA-5097663301) (PWB-0994-C)

⚠Ref No.	Part No.	Part Name	Description Local
C909	DA-E240622191	CAPACITOR	50V 220pF J
C910	DA-E240647091	CAPACITOR	50V 47pF J
C911	DA-E240647091	CAPACITOR	50V 47pF J
C912	DA-E240622191	CAPACITOR	50V 220pF J
R905	DA-E130327106	RESISTOR	1W 270Ω
R906	DA-E130327106	RESISTOR	1W 270Ω
L908	DA-E062132306	CORE FERRITE	MLB-451616-0080
L909	DA-E062132306	CORE FERRITE	MLB-451616-0080
L910	DA-E062132306	CORE FERRITE	MLB-451616-0080
L911	DA-E062132306	CORE FERRITE	MLB-451616-0080
P611	DA-E782511023	CONNECTOR	P=2
P903	DA-E782405004	CONNECTOR	7P
P904	DA-E782511017	CONNECTOR	6P
P905	DA-E782511016	CONNECTOR	4P
S601	DA-E054513025	SWITCH	CH-
S602	DA-E054513025	SWITCH	CH+
S603	DA-E054513025	SWITCH	VOL-
S604	DA-E054513025	SWITCH	VOL+
S605	DA-E054513025	SWITCH	MENU
S606	DA-E054513025	SWITCH	SOURCE
S607	DA-E054513025	SWITCH	POWER

IR P.W. BOARD ASS'Y (DA-5097661701) (PWB-0984-C)

⚠Ref No.	Part No.	Part Name	Description Local
IR01	DA-F642003904	IC	PHOTO MODULE
D001	DA-F618018175	LED	
C026	DA-E230021691	CAPACITOR	16V 4.7uF Z
R075	DA-E134210009	RESISTOR	1/10W 100Ω F
P005	DA-E782510017	CONNECTOR	P=2
P006	DA-E782510023	CONNECTOR	7P
P007	DA-E782510012	CONNECTOR	4P
P008	DA-E782510016	CONNECTOR	P=2

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	DA-I513720156	PACKING CASE(TOP)		
	2	DA-I513724256	PACKING CASE(BOTTOM)		
	3	DA-I523720156	TOP CUSHION	2pcs in 1set	
	4	DA-I523720256	BOTTOM CUSHION	2pcs in 1set	
	5	DA-I532359256	POLY BAG	For SET	
	6	DA-I513724356	ACCESSORY BOX		
	7	DA-I533389756	POLY BAG	For ACCESSORIES	
	8	DA-E030057212	INST BOOK		
	9	----------	BATTERY	AA/R6(x2)	
	10	DA-E052731125	REMOCON		
	11	DA-I534100356	GRIP JOINT	(x4)	
	12	DA-E030057213	CAUTION SHEET		
	13	DA-I554100400	POLY BAG	For POWER CORD	
	14	DA-E030409339	CARTON LABEL	(x4)	
⚠	15	DA-E056705027	POWER CORD		